

#### 4. Schools and Libraries Support

Eligible schools and libraries receive telecommunications services, Internet access, and internal connections at discounts ranging from 20 percent to 90 percent. The level of discounts is based on eligibility for the national school lunch program, and on location in a rural area.

Schools and libraries are eligible to receive support for services that qualify as telecommunications services, Internet access, or internal connections. Schools and libraries may not receive discounts for items such as asbestos removal, teacher training, telephone handsets, the costs of tearing down walls to install wiring, repairing carpets, repainting, personal computers, fax machines, or modems.

All eligible applicants must submit three separate forms to the Schools and Libraries Corporation (SLC) in sequential order to participate in the program. First, eligible schools and libraries must file FCC Form 470, which describes the services an applicant intends to purchase. Form 470 is posted to the SLC website to open the competitive bidding period for new services. After selecting a service provider and contracting for new services, applicants must file FCC Form 471, which details services for which a contract has been signed. Finally, applicants must submit FCC Form 486, which confirms that contracted services have begun and that the applicants' technology plan has been approved. Service providers must also complete two forms to receive reimbursement from the Administrator: the FCC Form 473, or Service Provider Annual Certification Form, and the FCC Form 474, or the Service Provider Invoice Form.

The funding year for schools and libraries was recently changed from a calendar year cycle (January 1 - December 31) to a fiscal year cycle that runs from July 1 - June 30. For transition purposes, the first funding period is the 18-month period that runs from January 1, 1998 through June 30, 1999. The second funding cycle will begin on July 1, 1999. Applications submitted during the initial 75-day filing window (January 30, 1998 - April 15, 1998) will be supported through June 30, 1999. Commitment letters for the first funding year are slated for release beginning in the fall of 1998.

For the first funding cycle, the Universal Service Administrative Company (USAC) will collect and disburse only as much money as is required by demand, but in no event more than \$325 million for each of the third and fourth quarters of 1998 and the first and second quarters of 1999 to support the schools and libraries universal service support mechanism. This amounts to a total of no more than \$1.925 billion for the schools and libraries support mechanism during 1998 and the first two quarters of 1999. In the first two quarters of 1998, USAC collected \$522,070,179.21.

The Commission established rules to govern how funding will take place in the situation, like that presented in the first funding period, where the available funding is less than total demand. The rules are designed to ensure that the neediest schools and libraries (i.e., those eligible for an 80 or 90 percent discount) receive priority.

Under the rules of priority, when the filing window closes, SLC shall calculate the total demand for support submitted during the filing window. If total demand exceeds the total support available in that funding year, SLC shall:

- (1) Calculate the demand for telecommunications services and Internet access for **all** discount categories. These services shall receive first priority for the available funding;
- (2) Allocate the remaining funds to the requests for support for internal connections, beginning with the most disadvantaged schools and libraries, as determined by the discount matrix (i.e., schools and libraries eligible for a 90 percent discount shall receive first priority for the remaining funds, and those funds will be applied to their requests for internal connections);
- (3) Commit remaining funds for internal connections to the applicants at each descending discount level until there are no funds remaining.

If the remaining funds are not sufficient to support all of the discount requests that comply with the Commission's rules and eligibility requirements within a particular discount level, SLC shall divide the total amount of remaining support available by the amount of support requested within the particular discount level to produce a pro-rata factor. That is, each of the schools and libraries within that discount level will receive a portion of the support they requested.

Parties seeking support for the second funding year (July 1, 1999 - June 30, 2000) must fully complete and file both Forms 470 and 471 during the "window" period that opens December 1, 1998.

## 5. Rural Health Care Support

The portion of universal service support designated for health care providers is designed to allow rural health care providers to purchase telecommunications services at the same rates that health care providers located in urban areas pay for these services.<sup>1</sup> The Commission's universal service rules permit eligible<sup>2</sup> health care providers to receive support for any telecommunications service employing a transmission speed up to 1.544 Mbps and for distance charges for the distance between the rural health care provider and the nearest large city.<sup>3</sup> The Commission defined "nearest large city" as the closest city in the state with a population of at least 50,000.<sup>4</sup> In addition, any health care provider that cannot obtain toll-free Internet access is entitled to receive the lesser of \$180 of toll charges per month, or the toll charges incurred for 30 hours per month, for telecommunications access to an Internet service provider.<sup>5</sup> Universal service support allocated for rural health care providers is capped at \$400 million annually, but the total amount of support that can be collected for health care providers in funding year 1998 is limited to \$100 million.<sup>6</sup>

The Rural Health Care Corporation (RHCC), the entity that is charged with administering the support program for rural health care providers, began accepting applications on May 1, 1998. The Commission directed the RHCC and the Schools and Libraries Corporation (SLC) to establish a filing window in which all requests for support received during that window would be treated as though they were received simultaneously.<sup>7</sup> The RHCC established a 75-day window period that ended on July 14, 1998. Eligible health care providers that seek reduced rates on telecommunications services must submit FCC Forms 465, 466 and 467. A telecommunications carrier that seeks support for serving an eligible health care provider must submit FCC Form 468 once it enters an agreement to provide supported telecommunications service to an eligible health care provider. The application process for funding year 1998 is still ongoing. RHCC has requested an extension of the initial funding year to 18 months ending June

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1     *See* 47 U.S.C. § 254(h)(1)(A).

2     *See* 47 C.F.R. § 54.601(a).

3     *See* 47 C.F.R. § 54.601(c).

4     *See* 47 C.F.R. § 54.605(c).

5     *See* 47 C.F.R. § 54.621.

6     *See* 47 C.F.R. § 54.623(a).

7     *See* 47 C.F.R. § 54.623(c).

30, 1999 and to have subsequent funding years on a fiscal year cycle (July 1 - June 30).<sup>8</sup>

From May 1, 1998, when the RHCC website opened, until late November, 1,250 applicants have filed Form 465, which is the first step in applying for rural health care telecommunications support. Of those applications, 978 have been approved to seek bids from telecommunications carriers, while the remainder are either under review or were denied because they were not in a rural area or were not an eligible health care provider type. Of the 978 qualified applications (so far), 844 are from a single rural health care provider and the remaining 134 applications are from consortiums representing 1,303 total sites. Thus, the 978 applications represent 2,147 rural health care provider sites.

The applicants are:

Non-profit Hospitals	43%
Rural Health Clinics	18%
Community Health Centers	8%
Local Health Departments	8%
Community Mental Health Centers	7%
Educational Institutions	2%
Consortiums with Multiple Provider Types	14%

The services in which health care providers indicated an interest are:

T1	67%
Satellite	9%
Fractional T1	19%
Centrex	9%
ISDN	34%
Private Line	22%
Frame Relay	29%
Off site extension	15%
ATM	8%
Other	13%

(These do not add to 100% because a provider can check multiple services on Form 465, including T1, but support will be limited to T1 or less.) About 15% of providers said they lacked toll-free Internet access and 28% said they had existing contracts for telehealth services.

After waiting at least 28 days while their Form 465 request for services is posted on the RHCC web site, the applicants can select the most cost-effective telecommunications carrier and

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8 *Federal-State Joint Board on Universal Service*, CC Docket No. 96-45, *Public Notice*, DA 98-2468 (released Dec. 4, 1998).

submit Form 466 to the RHCC, along with the carrier's bid, Form(s) 468. About 160 Form 466s have been submitted, but many lack the required Form 468s. Notices of support for completed Form 466/468 packages cannot be sent until the RHCC pre-disbursement audit, which is pending at the FCC, is approved.

At the direction of Congress, the Commission instructed the RHCC, SLC and the Universal Service Administrative Company (USAC) to submit a joint proposal for merging the three entities into one company that will administer universal service support.<sup>9</sup> The Joint Proposal was put out for public notice and comment on July 15, 1998.<sup>10</sup> Comments were due on August 5, 1998 and reply comments were due on August 12, 1998.<sup>11</sup> On November 20, 1998, the Commission issued an order that reconsidered the current organizational structure for administering the universal service support mechanisms and adopted a plan for merging the SLC and the RHCC into the USAC.<sup>12</sup> The new administrative organization will begin functioning on January 1, 1999.

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9 See Report in Response to Senate Bill 1768 and Conference Report on H.R. 3579, *Report to Congress*, FCC 98-85 (rel. May 8, 1998).

10 Common Carrier Bureau Seeks Comment on Administration of Federal Universal Service Support Mechanisms, *Public Notice*, DA 98-1336 (rel. July 15, 1998).

11 *Id.*

12 *Changes to the Board of Directors of the National Exchange Carrier Association, Inc.*, CC Docket No. 97-21, *Third Report and Order* and *Fourth Order on Reconsideration*, and *Federal-State Joint Board on Universal Service*, CC Docket No. 96-45, *Eighth Order on Reconsideration*, FCC 98-306 (released November 20, 1998).



## 6. Subscribership and Penetration

The number and percentage of households that have telephone service represent the most basic measures of the extent of universal service. Continuing analysis of telephone penetration statistics allows us to examine the aggregate effects of Commission actions on households' decisions to maintain, acquire or drop telephone service. This section presents comprehensive data on telephone penetration statistics collected by the Bureau of the Census under contract with the Federal Communications Commission. Along with telephone penetration statistics for the United States and each of the states from November 1983 to July 1998, data are provided on penetration based on various demographic characteristics. This section also updates information on telephone penetration by income by state.<sup>1</sup> This information is designed to help evaluate the degree of success of making telephone service available to low income households in each state.

The most widely used measure of telephone subscribership is the percentage of households with telephone service -- sometimes called a measure of telephone penetration. Prior to the 1980s, precise measurements of telephone subscribership received little attention. Traditionally, telephone penetration was measured by dividing the number of residential telephone lines by the number of households. Measures of penetration based on the number of residential lines, however, became subject to a large margin of error as more households added second telephone lines and more consumers acquired second homes. By 1980, the traditional penetration measure (residential lines divided by the number of households) reached 96%, while the number of households reporting that they had telephones in the 1980 census was 92.9%.

Recognizing the need for precise periodic measurements of subscribership, the Commission requested that the Bureau of the Census include questions on telephones as part of its Current Population Survey (CPS), which monitors demographic trends between the decennial censuses. This survey is a staggered panel survey in which the people residing at particular addresses are included for four consecutive months in one year and the same four months in the following year. Use of the Current Population Survey has several advantages -- it is conducted every month by an independent and expert agency, the sample is large and the questions are consistent. Thus, changes in the results can be compared over time with a great deal of confidence.

Unfortunately, the results of the CPS cannot be directly compared with the penetration figures contained in the 1980 and 1990 decennial censuses. This is due to differences in sampling and survey methodologies and because of differences in the context in which the questions were asked. The 1990 decennial census reported 94.8% of all households in the United States had telephones, whereas the CPS data showed a penetration rate of 93.3% for 1990. This difference is statistically significant and appears to indicate that the CPS value may be on the low

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1 This information was included in the FCC report, "Telephone Penetration by Income by State," released January 28, 1998. That report contains information on the number of households in each state as well as the percentages reported here.

side and the decennial census value may be on the high side, with the truth lying somewhere in between.

The specific questions asked in the CPS are: "Is there a telephone in this house/apartment?" and, if the answer to the first question is "no," this is followed up with, "Is there a telephone elsewhere on which people in this household can be called?" If the answer to the first question is "yes," the household is counted as having a telephone "in unit." If the answer to either the first or second question is "yes," the household is counted as having a telephone "available." Although the survey is conducted every month, not all questions are asked every month. The telephone questions are asked once every four months, in the month that a household is first included in the sample and in the month that the household re-enters the sample a year later. Since the sample is staggered, the reported information for any given month actually reflects responses over the preceding four months. Aggregated summaries of the responses are reported to the Commission, based on the surveys conducted through March, July, and November of each year. The CPS later provides the Commission with the raw data files containing all the responses to all of the questions on the CPS questionnaires in those months.<sup>2</sup>

The Census Bureau data are based on a nationwide sample of about 48,000 households in the 50 states and the District of Columbia. (The CPS does not cover outlying areas that are not states, such as Puerto Rico, the Virgin Islands, the Northern Mariana Islands, and Guam.) Because a sample is used, the estimates are subject to sampling error. For the nationwide totals, changes in telephone penetration between consecutive reports of less than or equal to 0.5% may be due to sampling error and cannot be regarded as statistically significant.<sup>3</sup> As explained below, when comparing the same month in two consecutive years, changes of less than or equal to 0.4% are not statistically significant. When comparing annual averages, changes of less than 0.3% are not statistically significant. The annual averages are the average of the three surveys of the year in question. For individual states or other subgroups of the U.S. population, the amount of sampling variability is much greater, because the sample sizes are smaller.

Once a year, in March, the CPS augments its sample with about 2,500 additional Hispanic households, and supplements its survey with additional questions, which include detailed information about income.<sup>4</sup> In the July and November surveys, only broad income categories are reported. (These are the categories that appear in Table 6.5.)

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2 Tables 6.3, 6.9, and 6.15 of this section are derived from these raw data files.

3 The determination of the statistical significance of a change over time is discussed below. The critical value is dependent on the sizes of the samples from which the change is computed.

4 The responses from the additional Hispanic households are not included in Tables 6.4 through 6.8, but they are included in Table 6.9. Thus, in some cases, there may be small discrepancies between the percentages in Table 6.4 and Table 6.9.



The data in this section are not seasonally adjusted. Seasonal analysis of the data indicates that, for the nation as a whole, there is no significant seasonal variation in these data.

Census Bureau figures for July 1998, the most recent data available, show that the percentage of households subscribing to telephone service is 94.1%, which is up 0.2% from July 1997. This difference is not statistically significant. As a result of an increasing number of households and a higher penetration rate, 1.1 million households were added to the nation's telephone system between July 1997 and July 1998.

This section includes figures showing subscribership percentages by state, by householder's age and race, by household size, by income, and for individual adults by labor force status. The July 1998 data show that 95.1% of individual adults in the civilian non-institutionalized population have a telephone in their household. This figure is unchanged from the July 1997 level.

This section contains fifteen tables and nine charts presenting penetration statistics for various geographic and demographic characteristics. The charts and the first three tables present summaries of the available information. Tables 6.4 through 6.9 present more detailed information. In Tables 6.4 through 6.8, only the annual averages are included for the years 1984 through 1995. March, July, and November data for those years are available in previous Monitoring Reports in CC Docket No. 87-339. Tables 6.10 through 6.15 provide information necessary to determine the statistical significance of changes in the penetration rates over time.

Table 6.1 summarizes the telephone penetration for the United States, combining information on the number of households with the penetration rates.

Chart 6.1 depicts the nationwide penetration rates for households graphically over time.

Table 6.2 summarizes the telephone penetration rates by state, showing the November 1983 and July 1998 values, the change between those two months, and an indication as to whether that change is statistically significant. The statistical significance of a change is determined not only by the magnitude of that change, but also by the sizes of the samples used to estimate the change.

Table 6.3 compares penetration rates for states with and without lifeline programs<sup>5</sup> prior to the expansion of lifeline programs to all states, in order to help evaluate the effect of the lifeline program on telephone penetration.<sup>6</sup> As can be seen in the table, penetration increases

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5 The averages for the two groups of states were computed as weighted averages of the states in the groups, using the total number of households in each state as weights.

6 States are identified as having a program if Table 2.3 in the May 1997 Monitoring Report in CC Docket No. 87-339 shows any lifeline subscribers and payments for 1996. Table

have been greater on average in states with lifeline programs than in states without lifeline programs, both for all households and for low-income households. Between March 1984 and March 1997, the overall average penetration rate for states with lifeline programs increased by 2.4%, which was statistically significant. The increase for states without programs was 1.0%, which was not statistically significant. For households with incomes under \$10,000 (expressed in 1984 dollars), which would be the households primarily affected by the lifeline programs, the average increase was 6.5% for states with programs, again statistically significant, versus 3.3% for states without programs, also statistically significant.

Chart 6.2 depicts the states with July 1998 penetration rates (as shown in Table 6.2) more than 1% below the national average, within 1% of the national average, or more than 1% above the national average.

Chart 6.3 depicts changes in household penetration rates by state (as shown in Table 6.2) between the November 1983 and July 1998 values. States with statistically significant increases are shown, along with other states with increases or decreases. Only the District of Columbia had a statistically significant decrease.

Chart 6.4 depicts the relationship between telephone penetration and household income, using July 1998 penetration rates, for all households, and for households headed by white, black, and Hispanic persons. It is based on data in Table 6.5.

Chart 6.5 depicts the relationship between telephone penetration and household size, using July 1998 penetration rates, for all households, and for households headed by white, black, and Hispanic persons. It is based on data in Table 6.6.

Chart 6.6 depicts the relationship between telephone penetration and householder's age, using July 1998 penetration rates, for all households, and for households headed by white, black, and Hispanic persons. It is based on data in Table 6.7.

Chart 6.7 depicts the relationship between telephone penetration and labor force status for civilian non-institutionalized adults, using July 1998 penetration rates, for all households, and for white, black, and Hispanic persons. It is based on data in Table 6.8.

Chart 6.8 depicts the nationwide penetration rates for civilian non-institutionalized adults graphically over time. It is also based on data in Table 6.8.

Chart 6.9 shows the telephone penetration rates in March of each year through 1997 for each of five income categories for the total United States. It is based on data in Table 6.9. The income categories (expressed in March 1984 dollars) are: \$9,999 or less; \$10,000 - \$19,999; \$20,000 - \$29,999; \$30,000 - \$39,999; and \$40,000 or more. These categories were chosen

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6.3 differs from Table 6.2 in that different months are being compared.

because they are of approximately equal size, both in terms of income ranges and the number of households in each category. As can be seen from the chart, most income categories have experienced increases in penetration over time, with the largest increases being in the lowest income categories. The changes between 1984 and 1996 are statistically significant for the two lowest income categories and for all households, but not for the three highest income categories.<sup>7</sup> Not all of the increases in the national total penetration rate can be explained by increases in real income, because real income increases are reflected in the movement of households between categories. Thus penetration changes within each income category represent changes holding real income constant.

Table 6.4 shows the Current Population Survey responses for the United States and for each state beginning with November 1983. Because the Current Population Survey began collecting this data only in 1983, comparable values are not available prior to November 1983. For each of the surveys, the column headed "Unit" indicates the percentage of households for which there is a telephone in the housing unit. The column headed "Avail." indicates the percentage of households which have telephone service available for incoming calls, either in the housing unit or elsewhere.

Table 6.5 shows the nationwide penetration rates for households by income and the race of the householder. It shows a strong relationship between income and penetration. Caution should be taken in comparing these figures over time, because these income levels are not adjusted for inflation. Thus, the same nominal income level at two points in time will reflect different real incomes in terms of purchasing power. Also, the income categories have changed over time due to the changing value of the dollar. Consequently, when evaluating penetration changes by income levels over time, Table 6.9 should be used.

Table 6.6 shows the nationwide penetration rates for households by the size of the household and the race of the householder. It shows that penetration is higher for households of 2 to 5 people than it is for single-person households or those with 6 or more people.

Table 6.7 shows the nationwide penetration rates for households by the age and race of the householder. It shows that the penetration rate is lowest for young and non-white households.

Table 6.8 shows the nationwide penetration rates for all persons that are at least 15 years old in the civilian non-institutionalized population by their race and employment status. Since this table is for individual adults rather than households, the total penetration rates are different from those in the previous tables. It shows that penetration is lowest among the unemployed.

Table 6.9 shows the penetration rates for each of the income categories shown in Chart 6.9 for each state for March of each year through 1997. The more detailed information from the March surveys makes it possible to adjust the income categories for inflation. The relative levels

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7 See footnote 8 for the critical values for these significance tests.

of the March Consumer Price Index for all items (as reported in Table 7.4) were used to make the inflation adjustment. Thus, for example, \$10,000 in March 1984 dollars had the same purchasing power as \$15,595 in March 1997 dollars. The precise current dollar values in each year are reported at the end of Table 6.9.

Tables 6.10 through 6.14 present the critical values at the 95% confidence level for testing the statistical significance of changes over time in the earlier tables. These critical values are relevant because changes less than or equal to the values shown are likely to be due to sampling error and thus cannot be regarded as demonstrating that a change in telephone penetration has occurred. In some cases these critical values are very large because the sample sizes are very small for these subcategories, rendering the estimated penetration rates unreliable. Because there is an overlap of half of the sample from year to year, but no overlap in the sample between surveys that are four months apart, annual changes are less subject to variations in sampling error. Consequently, the critical values should be multiplied by 0.8 when making a comparison for the same month in two consecutive years. When comparing the annual averages, the critical values should be multiplied by 0.5774, since these averages are based on three surveys and hence have a lower standard error. When comparing annual averages of two consecutive years, the critical values should be multiplied by .46, taking into account both of the above factors.

Table 6.15 shows the sample sizes on which the estimates of Table 6.9 are based. The sampling variability is inversely related to the square root of the sample size. The critical values for individual income categories in Table 6.9 can therefore be estimated by taking the critical value for the state "In Unit" total and multiplying it by the square root of the ratio of the sample size for the state total to the sample size for the income category. In most cases the critical value for an individual income category will be between two and three times the critical value for the state total.<sup>8</sup> In some cases these critical values are very large because the sample sizes are very small for these subcategories, thereby rendering the estimated penetration rates unreliable.

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8 For example, using this methodology to calculate critical values for comparing the 1984 and 1997 values for the United States Total, the critical values are 1.1% for the \$9,999 or less and the \$10,000 - \$19,999 categories, 1.2% for the \$20,000 - \$29,999 and the \$40,000 or more categories, and 1.5% for the \$30,000 - \$39,999 category. These compare with 0.5% for all households.

Table 6.1

## Household Telephone Subscribership in the United States

Date		Households (millions)	Households with Telephones (millions)	Percentage with Telephones	Households without Telephones (millions)	Percentage without Telephones
November	1983	85.8	78.4	91.4%	7.4	8.6%
March	1984	86.0	78.9	91.8%	7.1	8.2%
July	1984	86.6	79.3	91.6%	7.3	8.4%
November	1984	87.4	79.9	91.4%	7.5	8.6%
March	1985	87.4	80.2	91.8%	7.2	8.2%
July	1985	88.2	81.0	91.8%	7.2	8.2%
November	1985	88.8	81.6	91.9%	7.2	8.1%
March	1986	89.0	82.1	92.2%	6.9	7.8%
July	1986	89.5	82.5	92.2%	7.0	7.8%
November	1986	89.9	83.1	92.4%	6.8	7.6%
March	1987	90.2	83.4	92.5%	6.8	7.5%
July	1987	90.7	83.7	92.3%	7.0	7.7%
November	1987	91.3	84.3	92.3%	7.0	7.7%
March	1988	91.8	85.3	92.9%	6.5	7.1%
July	1988	92.4	85.7	92.8%	6.7	7.2%
November	1988	92.6	85.7	92.5%	6.9	7.5%
March	1989	93.6	87.0	93.0%	6.6	7.0%
July	1989	93.8	87.5	93.3%	6.3	6.7%
November	1989	93.9	87.3	93.0%	6.6	7.0%
March	1990	94.2	87.9	93.3%	6.3	6.7%
July	1990	94.8	88.4	93.3%	6.4	6.7%
November	1990	94.7	88.4	93.3%	6.3	6.7%
March	1991	95.3	89.2	93.6%	6.1	6.4%
July	1991	95.5	89.1	93.3%	6.4	6.7%
November	1991	95.7	89.4	93.4%	6.3	6.6%
March	1992	96.6	90.7	93.9%	5.9	6.1%
July	1992	96.6	90.6	93.8%	6.0	6.2%
November	1992	97.0	91.0	93.8%	6.0	6.2%
March	1993	97.3	91.6	94.2%	5.7	5.8%
July	1993	97.9	92.2	94.2%	5.7	5.8%
November	1993	98.8	93.0	94.2%	5.8	5.8%
March	1994	98.1	92.1	93.9%	6.0	6.1%
July	1994	98.6	92.4	93.7%	6.2	6.3%
November	1994	99.8	93.7	93.8%	6.2	6.2%
March	1995	99.9	93.8	93.9%	6.1	6.1%
July	1995	100.0	94.0	94.0%	6.0	6.0%
November	1995	100.4	94.2	93.9%	6.2	6.1%
March	1996	100.6	94.4	93.8%	6.2	6.2%
July	1996	101.2	95.0	93.9%	6.1	6.1%
November	1996	101.3	95.1	93.9%	6.2	6.1%
March	1997	102.0	95.8	93.9%	6.2	6.1%
July	1997	102.3	96.1	93.9%	6.2	6.1%
November	1997	102.8	96.5	93.8%	6.3	6.2%
March	1998	103.4	97.4	94.1%	6.1	5.9%
July	1998	103.4	97.3	94.1%	6.1	5.9%

Details may not appear to add to totals due to rounding.

Chart 6.1

# Telephone Penetration

## Households

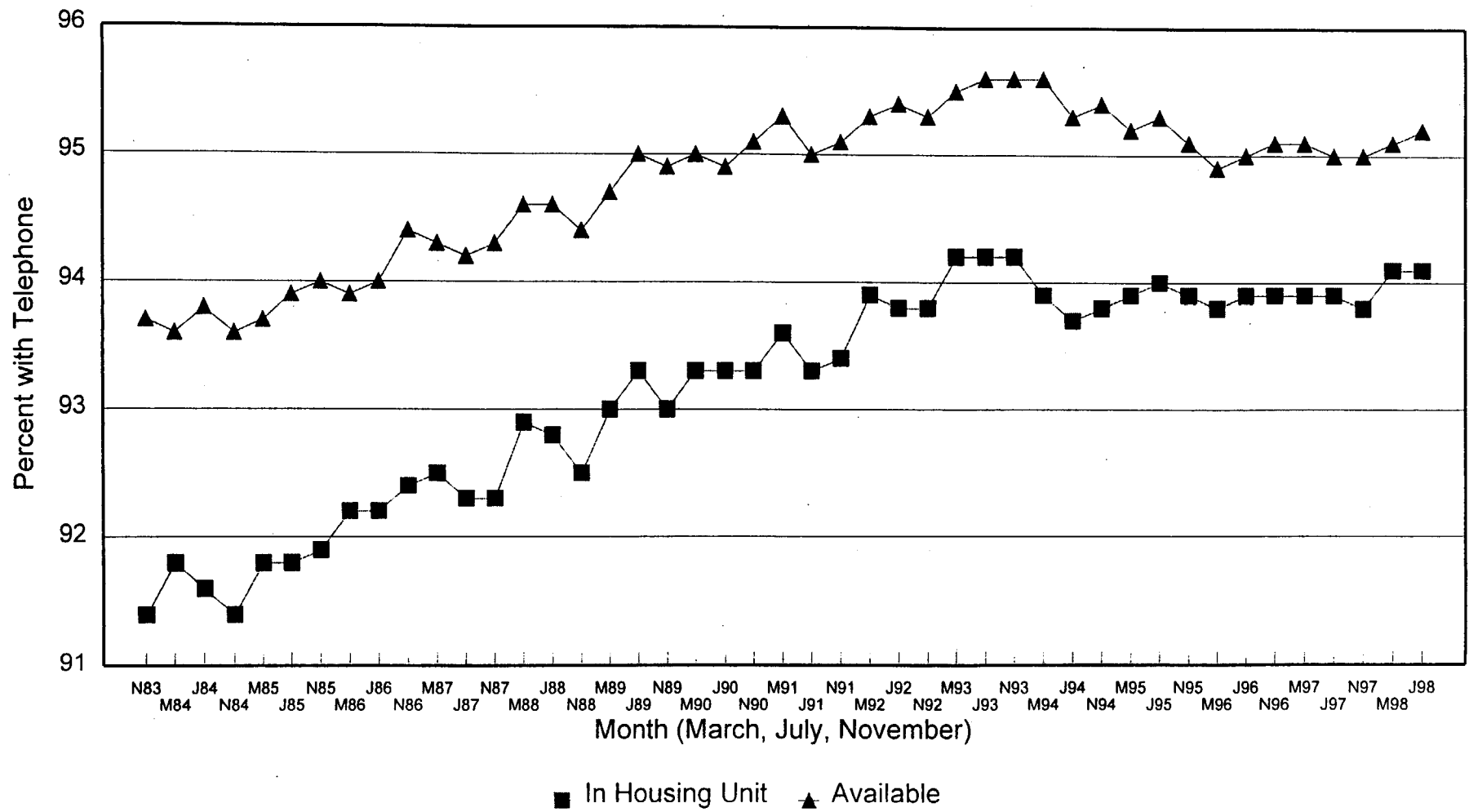


Table 6.2

Telephone Penetration by State  
(Percentage of Households with Telephone Service)

State	November 1983	July 1998	Change
Alabama	87.9 %	93.2 %	5.3 % *
Alaska	83.8	94.4	10.7 *
Arizona	88.8	91.0	2.2
Arkansas	88.2	88.2	0.1
California	91.7	95.3	3.6 *
Colorado	94.4	95.8	1.4
Connecticut	95.5	96.2	0.7
Delaware	95.0	96.8	1.8
District of Columbia	94.7	90.6	-4.1 **
Florida	85.5	92.2	6.7 *
Georgia	88.9	92.2	3.3
Hawaii	94.6	96.1	1.5
Idaho	89.5	93.4	3.9
Illinois	95.0	93.3	-1.7
Indiana	90.3	94.5	4.2 *
Iowa	95.4	97.3	1.9
Kansas	94.9	93.2	-1.7
Kentucky	86.9	93.6	6.7 *
Louisiana	88.9	91.7	2.7
Maine	90.7	97.7	7.0 *
Maryland	96.3	96.9	0.6
Massachusetts	94.3	94.0	-0.3
Michigan	93.8	95.3	1.5
Minnesota	96.4	97.7	1.3
Mississippi	82.4	89.3	6.9 *
Missouri	92.1	93.6	1.5
Montana	92.8	93.9	1.1
Nebraska	94.0	96.7	2.7
Nevada	89.4	90.7	1.3
New Hampshire	95.0	95.6	0.6
New Jersey	94.1	93.7	-0.4
New Mexico	85.3	89.8	4.5
New York	90.8	94.7	3.8 *
North Carolina	89.3	92.8	3.5
North Dakota	95.1	96.5	1.4
Ohio	92.2	95.4	3.2 *
Oklahoma	91.5	91.5	-0.0
Oregon	91.2	96.8	5.6 *
Pennsylvania	95.1	95.9	0.8
Rhode Island	93.3	95.1	1.8
South Carolina	81.8	92.2	10.4 *
South Dakota	92.7	93.1	0.4
Tennessee	87.6	95.1	7.5 *
Texas	89.0	91.8	2.8 *
Utah	90.3	97.4	7.1 *
Vermont	92.7	94.9	2.2
Virginia	93.1	93.6	0.5
Washington	92.5	95.5	3.1
West Virginia	88.1	93.8	5.7 *
Wisconsin	94.8	97.0	2.2
Wyoming	89.7	94.8	5.1 *
Total United States	91.4	94.1	2.7 *

\* Increase is statistically significant at the 95% confidence level.

\*\* Decrease is statistically significant at the 95% confidence level.

Differences may not appear to equal changes due to rounding.

TABLE 6.3  
COMPARISON OF PENETRATION RATES FOR STATES WITH AND WITHOUT LIFELINE PROGRAMS

State	All Households			Households with Incomes under \$10,000 #		
	March 1984	March 1997	Change	March 1984	March 1997	Change
States with Lifeline Programs						
Alabama	89.0%	91.3%	2.2%	77.4%	78.0%	0.6%
Alaska	85.9%	94.3%	8.4% *	61.5%	74.1%	12.6%
Arizona	90.0%	90.3%	0.3%	73.6%	82.4%	8.9%
Arkansas	87.2%	88.7%	1.5%	78.3%	78.8%	0.5%
California	92.6%	94.0%	1.4%	82.9%	87.7%	4.7% *
Colorado	94.6%	96.5%	1.9%	86.9%	88.0%	1.2%
Connecticut	94.7%	95.6%	1.0%	80.5%	85.9%	5.4%
District of Columbia	95.9%	91.4%	-4.5% *	92.5%	81.1%	-11.4% *
Florida	89.9%	92.1%	2.2%	80.2%	84.4%	4.1%
Georgia	85.9%	90.4%	4.5%	69.1%	81.6%	12.5% *
Hawaii	94.0%	94.9%	0.9%	76.1%	89.9%	13.8% *
Idaho	90.6%	95.0%	4.4% *	78.4%	87.9%	9.4% *
Maine	94.3%	93.7%	-0.6%	83.1%	90.5%	7.4%
Maryland	96.2%	95.3%	-0.9%	87.0%	85.9%	-1.1%
Massachusetts	95.7%	95.9%	0.2%	88.2%	91.7%	3.5%
Michigan	93.3%	94.9%	1.6%	80.9%	86.0%	5.1%
Minnesota	95.9%	97.4%	1.5%	85.2%	91.7%	6.5% *
Mississippi	81.9%	89.4%	7.5% *	71.3%	76.6%	5.3%
Missouri	92.2%	97.5%	5.3% *	82.5%	95.2%	12.7% *
Montana	90.3%	94.1%	3.8%	79.6%	86.3%	6.7%
Nevada	93.0%	93.8%	0.8%	78.4%	90.8%	12.3%
New Mexico	82.1%	86.0%	3.9%	61.8%	69.6%	7.8%
New York	91.4%	94.5%	3.1% *	84.6%	90.6%	6.0% *
North Carolina	89.0%	93.5%	4.5% *	73.5%	83.6%	10.1% *
North Dakota	93.9%	96.2%	2.3%	85.2%	93.6%	8.5% *
Ohio	93.2%	95.0%	1.8%	81.0%	88.5%	7.5% *
Oklahoma	91.0%	91.8%	0.7%	81.9%	78.9%	-3.0%
Oregon	91.4%	95.3%	3.9% *	76.4%	90.5%	14.1% *
Pennsylvania	94.4%	97.3%	3.0% *	85.6%	93.6%	8.0% *
Rhode Island	94.0%	94.6%	0.5%	86.4%	87.6%	1.2%
South Carolina	85.1%	92.0%	6.9% *	66.1%	76.2%	10.1%
South Dakota	93.0%	94.7%	1.7%	84.6%	90.5%	5.9%
Tennessee	87.1%	94.1%	7.1% *	71.1%	89.3%	18.2% *
Texas	88.4%	91.0%	2.6%	74.0%	79.6%	5.6% *
Utah	92.4%	97.5%	5.1% *	81.5%	98.3%	16.8% *
Vermont	91.5%	93.9%	2.4%	75.3%	84.6%	9.3%
Virginia	93.2%	93.6%	0.5%	80.4%	84.7%	4.3%
Washington	92.9%	96.1%	3.2%	82.7%	89.0%	6.3%
West Virginia	87.3%	93.6%	6.3% *	75.7%	83.8%	8.1% *
Wisconsin	96.0%	96.4%	0.4%	88.4%	87.8%	-0.6%
Wyoming	89.2%	94.9%	5.7% *	74.2%	89.5%	15.2% *
Total Participating States	91.5%	93.9%	2.4% *	79.3%	85.8%	6.5% *
States without Lifeline Programs						
Delaware	95.5%	95.2%	-0.3%	87.3%	94.4%	7.1%
Illinois	95.6%	93.5%	-2.0%	87.8%	83.2%	-4.6%
Indiana	92.0%	94.3%	2.2%	80.4%	91.6%	11.2% *
Iowa	95.8%	96.1%	0.3%	89.7%	87.7%	-2.0%
Kansas	94.5%	94.9%	0.4%	86.5%	87.0%	0.4%
Kentucky	87.1%	93.1%	6.0% *	72.1%	87.7%	15.6% *
Louisiana	89.6%	91.2%	1.6%	80.9%	81.7%	0.8%
Nebraska	96.6%	97.0%	0.4%	90.7%	92.8%	2.2%
New Hampshire	94.8%	97.1%	2.4%	82.2%	93.6%	11.4% *
New Jersey	93.6%	96.1%	2.5% *	83.2%	88.6%	5.4%
Total Nonparticipating States	93.3%	94.4%	1.0%	83.6%	86.9%	3.3% *
Total United States	91.8%	94.0%	2.1% *	80.1%	86.0%	5.9% *

# Income expressed in March 1984 dollars.

\* Change is statistically significant at the 95% confidence level.

Changes may not appear to be the same as calculated differences due to rounding.



# July 1998 Telephone Penetration



Chart 6.3

## 11/83 - 7/98 Penetration Changes

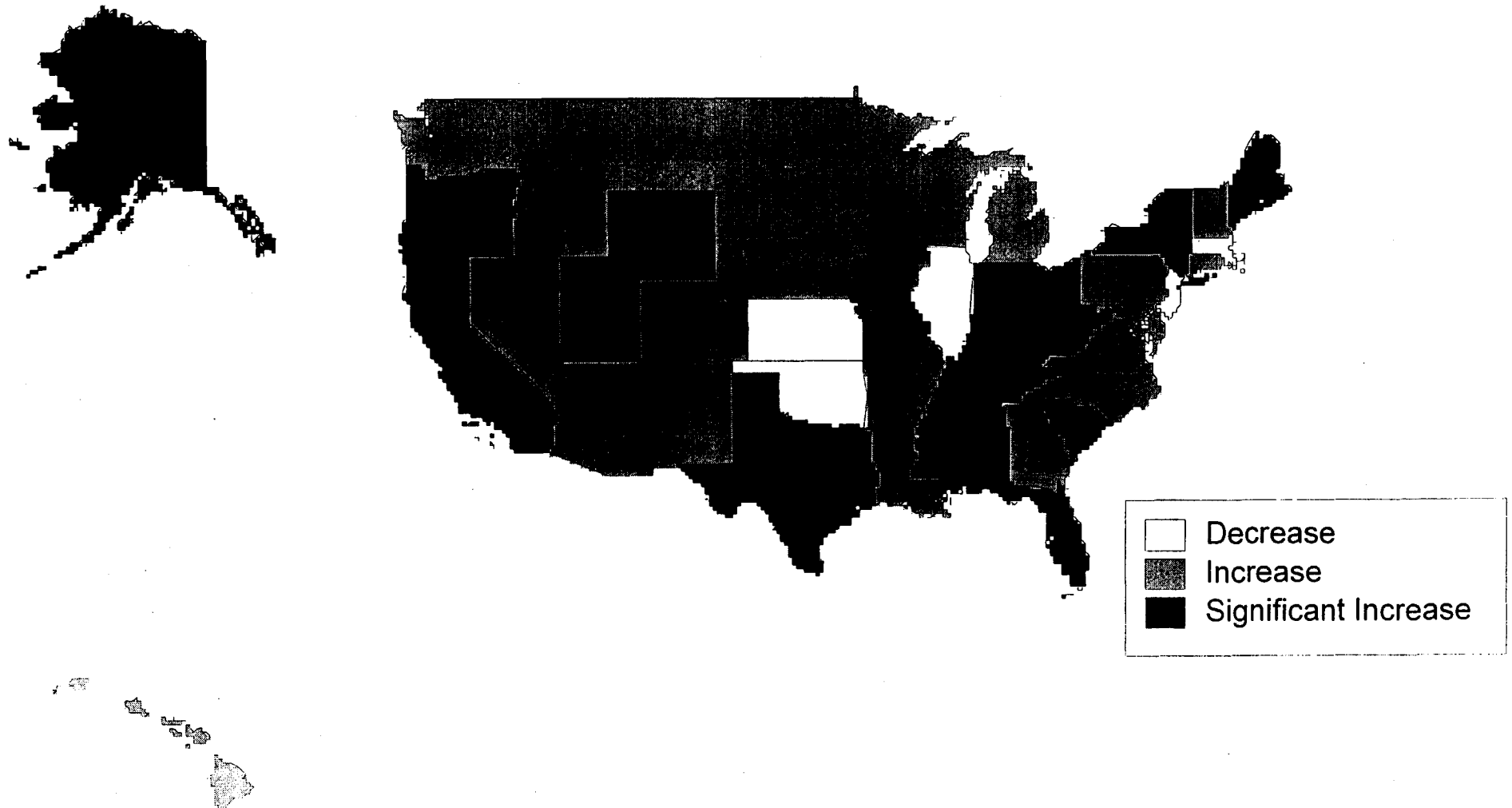


Chart 6.4

# Telephone Penetration by Income Level

July 1998

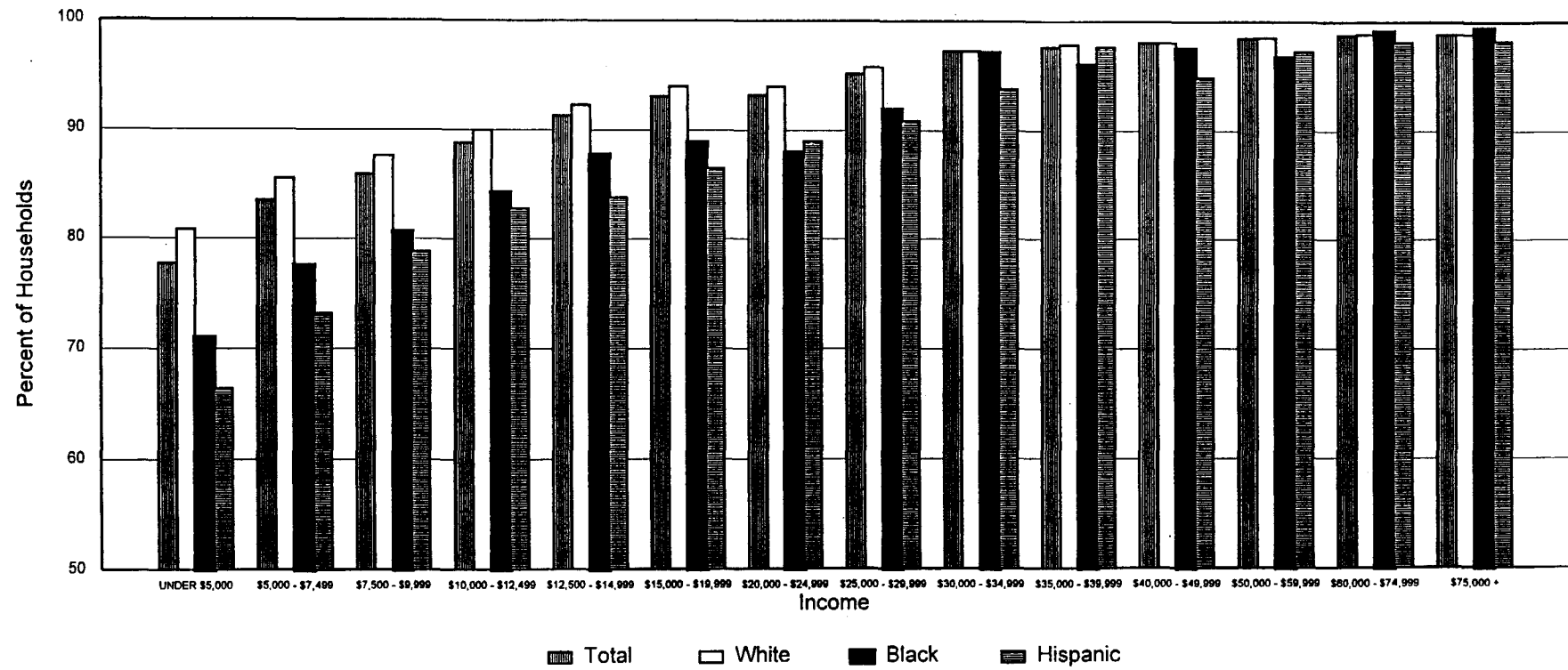


Chart 6.5

### Telephone Penetration by Household Size

July 1998

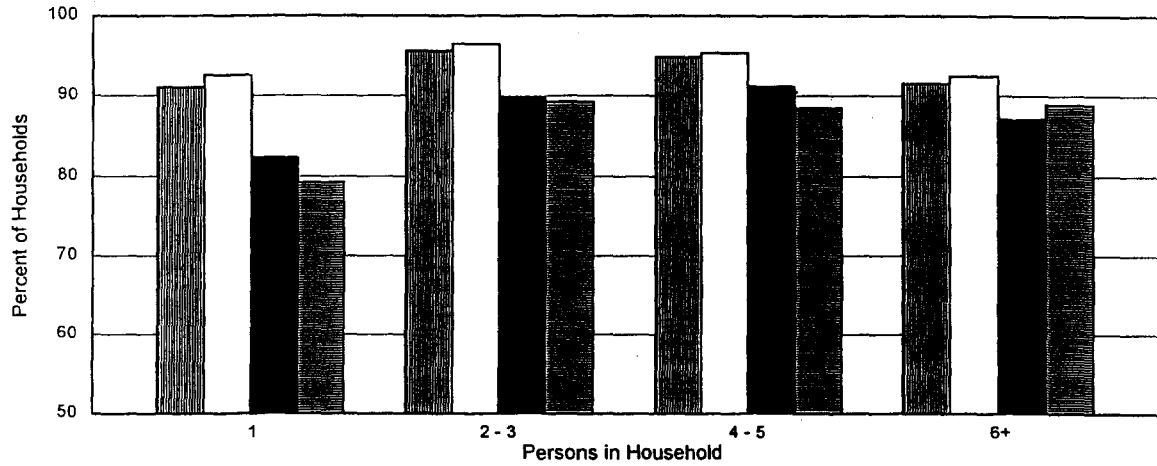


Chart 6.6

### Telephone Penetration by Householder's Age

July 1998

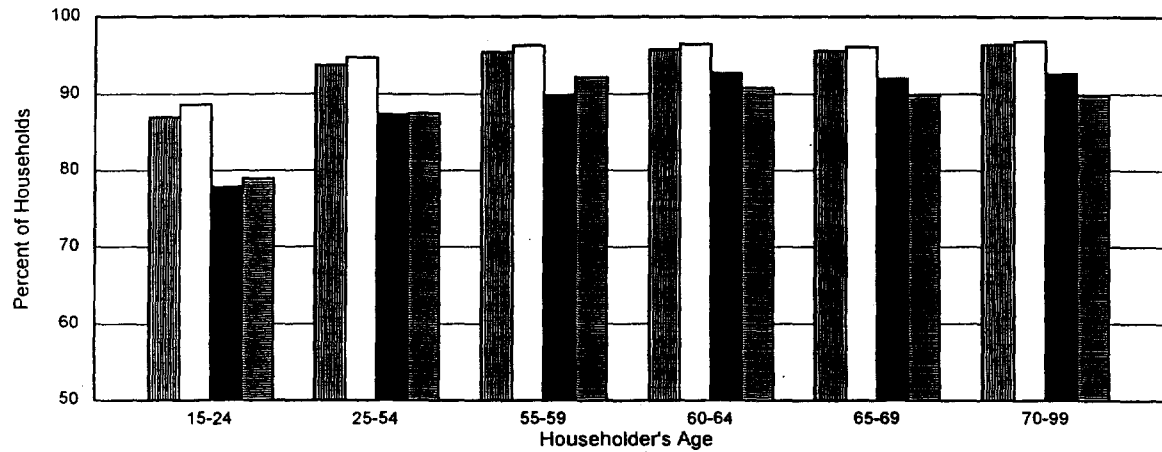


Chart 6.7

### Telephone Penetration by Labor Force Status

July 1998

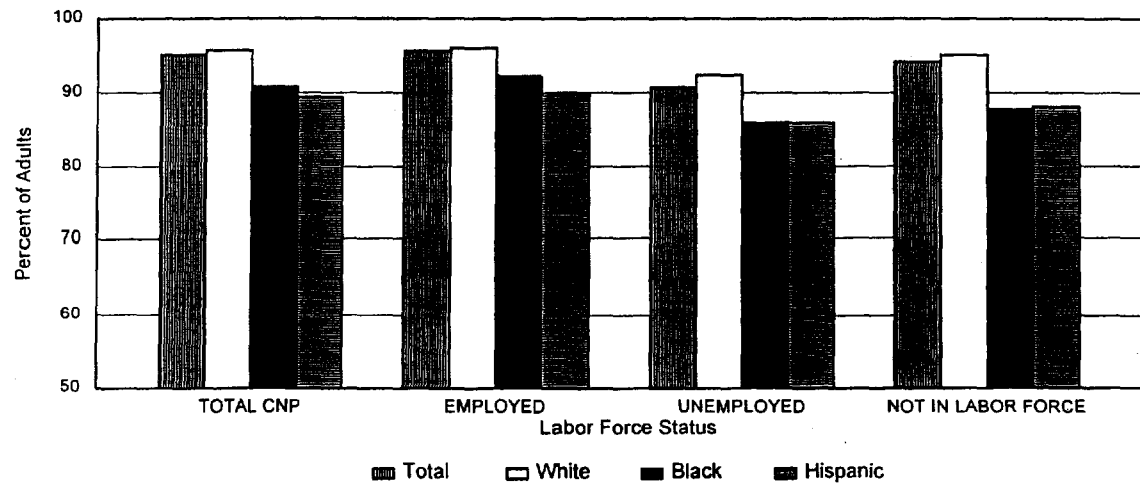


Chart 6.8

# Telephone Penetration

Civilian Noninstitutionalized Adults

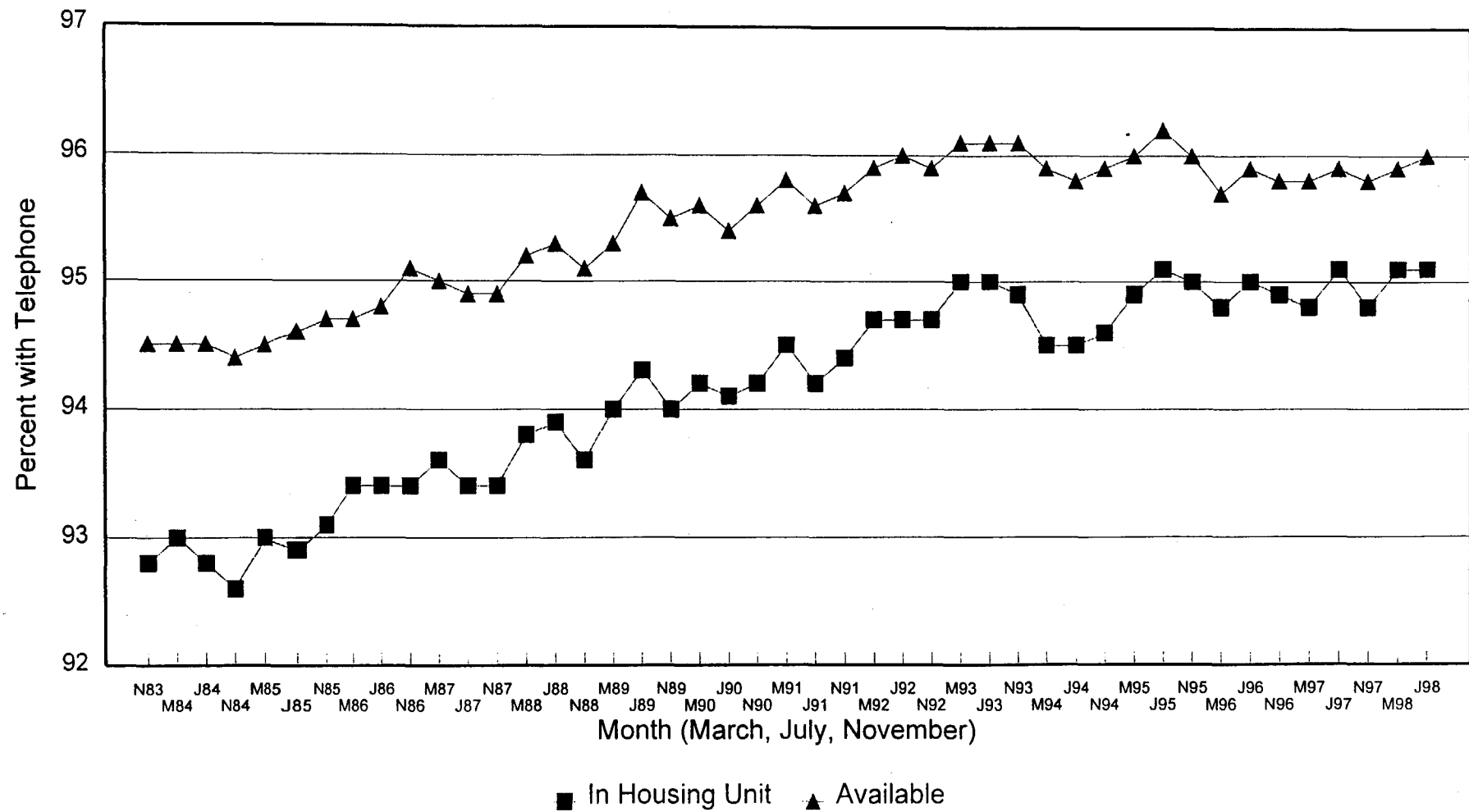


CHART 6.9

# TELEPHONE PENETRATION BY INCOME

ANNUAL HOUSEHOLD INCOME IN 1984 DOLLARS

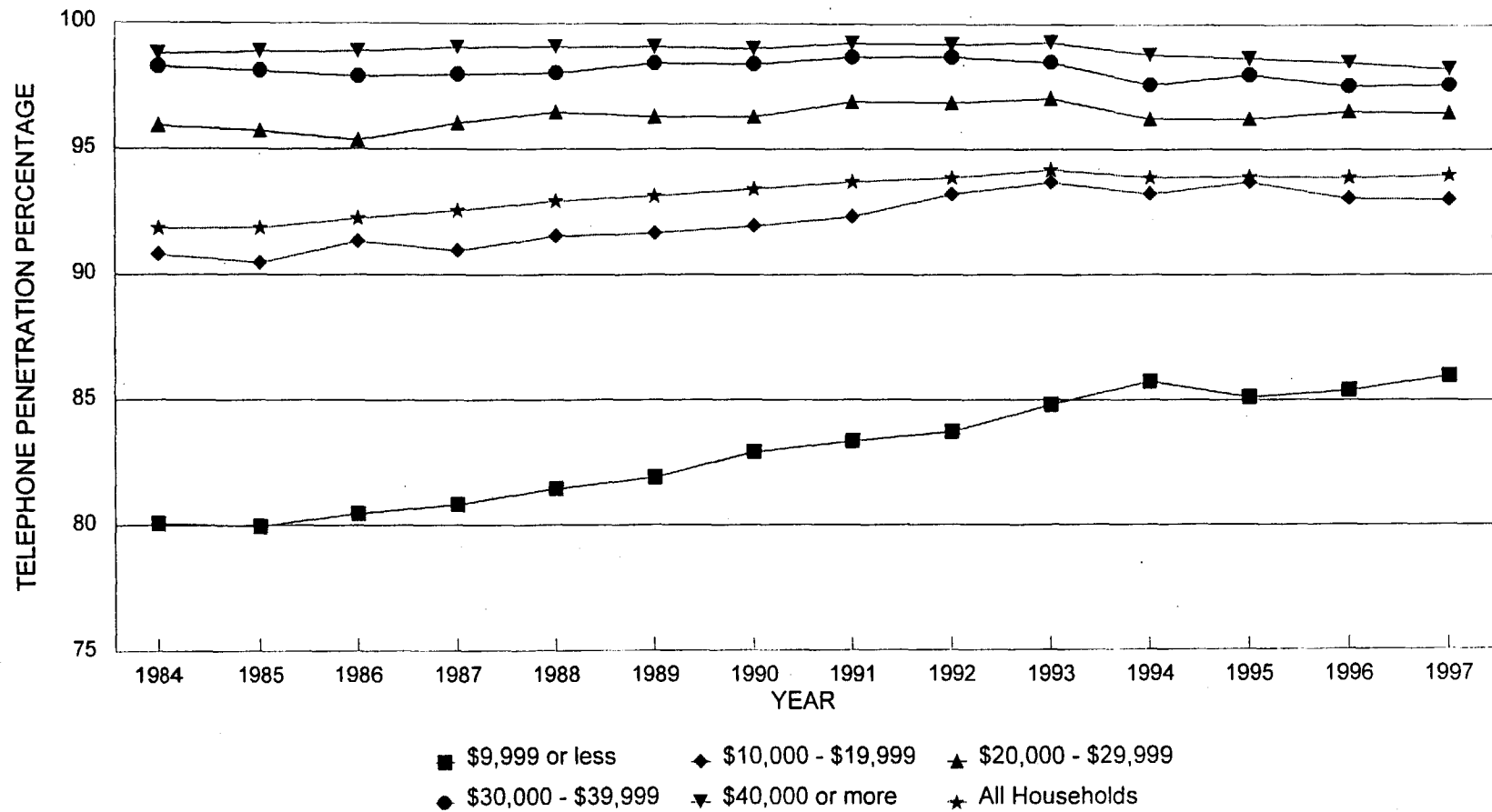


TABLE 6.4 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY STATE

	1983		1984		1985		1986	
	NOVEMBER Unit	Avail	ANNUAL AVERAGE Unit	Avail	ANNUAL AVERAGE Unit	Avail	ANNUAL AVERAGE Unit	Avail
UNITED STATES	91.4	93.7	91.6	93.7	91.8	93.9	92.3	94.1
ALABAMA	87.9	90.2	88.4	90.5	89.1	91.0	88.7	90.4
ALASKA	83.8	88.8	86.5	89.0	87.1	89.5	86.4	88.9
ARIZONA	88.8	90.7	86.9	89.4	87.3	89.6	89.4	90.9
ARKANSAS	88.2	91.4	86.6	90.6	85.9	89.9	86.4	90.4
CALIFORNIA	91.7	93.5	92.5	93.8	92.9	94.1	93.0	94.0
COLORADO	94.4	96.5	93.2	95.4	94.3	96.2	94.1	96.0
CONNECTICUT	95.5	98.4	95.5	97.0	96.2	97.6	97.0	97.9
DELAWARE	95.0	96.6	94.3	95.7	94.8	96.2	94.7	96.3
DIST OF COLUMBIA	94.7	95.6	94.9	96.3	93.6	95.2	92.2	94.0
FLORIDA	85.5	89.9	88.7	91.3	89.6	91.7	90.0	92.5
GEORGIA	88.9	92.1	86.2	89.1	87.6	89.7	88.4	91.0
HAWAII	94.6	96.4	93.5	94.9	93.0	95.0	92.2	94.4
IDAHO	89.5	92.2	90.7	91.7	91.8	93.1	91.5	93.1
ILLINOIS	95.0	95.9	94.2	95.8	93.7	95.3	93.6	95.2
INDIANA	90.3	93.5	91.6	93.6	92.3	94.7	92.2	94.3
IOWA	95.4	97.2	96.2	97.4	95.1	96.4	95.7	96.5
KANSAS	94.9	96.7	94.3	95.8	94.4	96.4	94.6	96.1
KENTUCKY	86.9	90.9	88.1	91.0	87.4	91.1	86.2	90.6
LOUISIANA	88.9	93.3	89.7	92.7	90.3	93.6	88.7	91.9
MAINE	90.7	93.1	93.4	95.3	94.0	95.6	93.4	95.4
MARYLAND	96.3	96.7	95.7	96.5	95.5	96.7	95.7	96.7
MASSACHUSETTS	94.3	95.9	95.9	96.9	95.2	96.3	96.4	97.1
MICHIGAN	93.8	94.9	92.8	94.5	92.9	94.2	93.4	94.5
MINNESOTA	96.4	97.5	95.8	97.1	96.4	97.4	96.2	97.2
MISSISSIPPI	82.4	89.1	82.4	87.5	80.9	87.6	80.1	87.3
MISSOURI	92.1	94.1	91.5	93.7	92.5	94.8	93.4	94.9
MONTANA	92.8	94.5	91.0	94.0	91.4	93.9	90.9	93.7
NEBRASKA	94.0	95.3	95.7	96.8	95.3	96.6	95.6	96.8
NEVADA	89.4	91.9	90.4	92.8	91.8	93.8	92.4	93.7
NEW HAMPSHIRE	95.0	96.9	94.3	95.8	93.2	94.6	94.0	95.0
NEW JERSEY	94.1	95.1	94.8	96.1	94.9	96.2	94.9	96.1
NEW MEXICO	85.3	90.9	82.0	87.0	84.1	88.2	85.1	89.1
NEW YORK	90.8	92.2	91.8	93.6	92.1	93.6	93.2	94.3
NORTH CAROLINA	89.3	92.9	88.3	91.9	89.4	92.4	90.2	92.5
NORTH DAKOTA	95.1	97.3	94.6	96.8	95.3	96.7	96.1	97.0
OHIO	92.2	93.9	92.4	94.4	92.2	94.5	93.1	94.4
OKLAHOMA	91.5	93.7	90.3	92.5	88.8	91.7	90.4	93.0
OREGON	91.2	93.5	90.6	92.3	90.3	92.1	92.7	94.3
PENNSYLVANIA	95.1	97.1	94.9	96.5	95.3	96.6	96.3	97.4
RHODE ISLAND	93.3	94.6	93.6	94.6	94.0	95.1	95.9	96.8
SOUTH CAROLINA	81.8	84.9	83.7	87.7	86.8	90.5	86.3	90.6
SOUTH DAKOTA	92.7	95.0	93.2	94.9	92.6	94.5	92.6	94.2
TENNESSEE	87.6	92.6	88.5	92.0	89.3	92.6	89.6	93.6
TEXAS	89.0	92.6	88.4	91.6	88.1	91.6	88.9	91.9
UTAH	90.3	92.2	92.5	94.2	93.9	95.1	93.0	93.9
VERMONT	92.7	94.3	92.3	94.0	92.9	94.1	93.8	95.6
VIRGINIA	93.1	94.7	93.1	95.1	91.7	93.8	92.1	94.1
WASHINGTON	92.5	93.7	93.0	94.4	94.7	96.2	94.6	96.3
WEST VIRGINIA	88.1	91.1	87.7	91.8	87.6	91.7	88.2	91.9
WISCONSIN	94.8	96.1	95.2	96.6	94.1	95.4	95.1	95.9
WYOMING	89.7	93.3	89.9	92.8	93.4	94.9	92.1	95.1

TABLE 6.4 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY STATE

	1987		1988		1989		1990	
	ANNUAL AVERAGE		ANNUAL AVERAGE		ANNUAL AVERAGE		ANNUAL AVERAGE	
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
UNITED STATES	92.4	94.2	92.7	94.5	93.1	94.9	93.3	95.0
ALABAMA	87.5	89.6	87.3	89.6	89.0	91.3	89.5	91.1
ALASKA	87.8	90.2	87.6	89.9	86.8	89.9	89.3	92.6
ARIZONA	88.6	90.7	90.6	92.3	91.6	93.2	93.0	95.1
ARKANSAS	86.3	90.7	86.1	90.2	87.5	91.0	88.7	91.9
CALIFORNIA	93.8	95.0	94.4	95.5	94.9	96.0	94.6	95.5
COLORADO	92.9	95.5	93.8	95.4	94.6	96.0	94.7	96.3
CONNECTICUT	97.0	98.0	96.3	98.9	98.1	98.5	97.1	97.7
DELAWARE	96.5	97.3	97.0	97.9	96.6	97.5	96.0	97.1
DIST OF COLUMBIA	92.4	94.2	94.6	95.9	92.7	94.8	91.4	93.2
FLORIDA	91.7	93.8	92.7	94.5	92.9	94.5	93.0	94.9
GEORGIA	88.7	91.3	90.1	92.4	90.2	92.9	90.9	93.4
HAWAII	94.2	96.6	94.5	96.3	95.1	96.9	95.3	96.8
IDAHO	91.1	92.5	92.2	93.3	92.5	93.6	92.8	94.1
ILLINOIS	93.7	95.2	94.2	95.6	93.9	95.4	94.3	95.7
INDIANA	91.2	93.2	92.3	94.9	93.2	95.9	92.8	95.9
IOWA	95.1	96.3	95.4	96.9	96.3	97.5	96.1	96.9
KANSAS	95.2	96.6	94.4	95.7	94.4	95.8	95.4	96.5
KENTUCKY	86.5	90.6	87.5	90.9	88.9	92.7	89.1	93.3
LOUISIANA	87.5	90.8	87.3	91.1	88.6	91.3	89.4	92.0
MAINE	93.5	95.2	94.2	95.9	95.3	96.4	95.7	97.6
MARYLAND	95.4	96.6	95.9	97.2	95.0	96.6	95.4	96.7
MASSACHUSETTS	96.4	97.0	96.9	97.3	97.1	97.8	96.6	97.4
MICHIGAN	93.7	94.8	93.9	95.0	93.7	94.9	94.1	95.5
MINNESOTA	96.0	97.4	97.2	98.4	96.8	97.8	96.9	98.1
MISSISSIPPI	81.5	86.3	83.3	88.6	85.5	90.3	87.0	90.9
MISSOURI	93.0	95.3	93.5	95.6	91.0	93.4	92.0	95.3
MONTANA	90.9	93.9	91.7	94.2	91.7	94.3	92.0	94.2
NEBRASKA	94.6	96.1	95.4	96.1	95.2	96.3	96.2	97.1
NEVADA	92.4	93.7	92.4	93.4	92.7	93.3	92.6	93.6
NEW HAMPSHIRE	94.1	96.2	95.2	96.1	95.4	97.1	95.0	96.5
NEW JERSEY	95.0	96.3	94.4	95.9	94.8	96.1	94.7	95.9
NEW MEXICO	86.0	89.3	85.7	89.1	85.8	89.6	85.8	89.5
NEW YORK	92.7	94.2	92.4	94.0	92.3	94.0	91.1	92.8
NORTH CAROLINA	89.2	91.7	90.4	92.8	91.9	94.1	91.9	94.2
NORTH DAKOTA	96.8	97.4	96.8	97.5	97.0	98.0	97.0	97.9
OHIO	93.4	94.7	94.4	95.2	94.6	95.5	95.2	96.3
OKLAHOMA	88.7	91.8	88.9	91.6	88.2	91.2	89.5	92.7
OREGON	93.3	94.8	92.0	93.5	92.3	93.9	94.5	95.9
PENNSYLVANIA	96.4	97.3	96.2	97.1	97.0	97.5	96.9	97.6
RHODE ISLAND	95.2	96.3	95.4	96.5	95.4	96.3	95.6	96.5
SOUTH CAROLINA	87.7	90.6	88.5	91.4	87.8	90.8	90.2	93.2
SOUTH DAKOTA	92.8	95.0	92.9	95.4	93.3	95.0	93.4	95.3
TENNESSEE	89.2	92.6	90.3	93.5	91.9	95.1	91.6	94.1
TEXAS	89.5	92.2	88.5	91.3	88.8	91.6	89.4	92.0
UTAH	92.3	94.6	92.5	94.5	95.9	96.5	95.6	96.3
VERMONT	95.3	96.9	95.6	96.8	93.9	95.7	94.9	96.9
VIRGINIA	92.5	94.6	92.9	95.5	93.2	95.7	93.0	94.9
WASHINGTON	94.3	96.4	94.3	95.7	96.4	97.3	97.1	97.7
WEST VIRGINIA	87.8	91.5	87.3	91.4	86.8	90.3	87.6	91.7
WISCONSIN	96.4	97.1	97.0	98.0	97.3	98.4	96.9	97.7
WYOMING	92.3	94.1	93.0	94.4	93.6	95.5	94.1	95.9



TABLE 6.4 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY STATE

	1991		1992		1993		1994	
	ANNUAL AVERAGE		ANNUAL AVERAGE		ANNUAL AVERAGE		ANNUAL AVERAGE	
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
UNITED STATES	93.4	95.1	93.8	95.3	94.2	95.6	93.8	95.4
ALABAMA	91.4	93.3	90.8	93.2	91.9	94.3	91.3	94.3
ALASKA	90.8	93.5	91.7	94.4	89.9	93.8	91.8	94.6
ARIZONA	93.4	94.9	93.3	94.7	93.3	94.4	93.9	95.3
ARKANSAS	87.6	91.4	87.3	91.0	87.8	91.0	90.2	93.5
CALIFORNIA	95.0	95.9	95.6	96.5	95.8	96.7	94.8	95.7
COLORADO	95.4	97.0	95.5	96.3	96.1	96.5	96.7	97.7
CONNECTICUT	96.2	97.3	96.6	97.3	96.7	97.5	96.5	97.5
DELAWARE	96.4	97.5	96.5	97.8	96.5	96.8	95.5	97.1
DIST OF COLUMBIA	90.9	92.6	88.7	90.5	90.2	91.7	90.0	91.2
FLORIDA	93.3	95.0	93.5	95.1	93.8	95.1	93.5	94.9
GEORGIA	89.9	91.7	90.2	91.9	93.2	94.2	91.1	93.2
HAWAII	95.1	96.4	95.3	96.8	94.4	96.3	94.3	96.1
IDAHO	92.0	93.6	93.0	94.7	94.4	95.7	94.7	96.2
ILLINOIS	93.8	95.6	93.8	95.5	93.6	95.3	93.6	95.2
INDIANA	92.2	94.6	91.9	93.2	93.7	95.1	93.6	94.8
IOWA	95.6	97.4	95.4	97.4	96.4	97.4	96.8	98.0
KANSAS	94.5	95.7	95.2	96.6	95.6	96.3	94.7	96.2
KENTUCKY	88.1	92.9	89.6	92.6	89.8	93.1	91.2	93.8
LOUISIANA	91.1	93.9	91.7	93.9	90.4	92.2	91.4	93.9
MAINE	94.4	96.6	93.2	95.3	96.0	98.1	96.0	97.8
MARYLAND	96.3	97.2	96.0	97.4	96.7	97.9	95.6	96.6
MASSACHUSETTS	96.4	97.4	96.8	97.5	96.9	97.9	96.5	97.1
MICHIGAN	94.1	95.5	94.4	95.5	95.6	96.5	95.0	96.6
MINNESOTA	97.1	97.9	96.7	98.1	96.1	97.3	95.6	97.2
MISSISSIPPI	86.0	90.9	86.3	90.4	87.2	90.6	88.6	92.5
MISSOURI	93.6	95.2	94.0	96.0	93.1	95.3	93.8	96.0
MONTANA	92.5	94.4	93.2	95.7	94.6	96.3	93.9	95.5
NEBRASKA	95.9	96.4	96.4	97.1	96.6	97.2	96.7	98.0
NEVADA	93.3	94.5	93.7	94.6	95.4	95.9	93.0	93.5
NEW HAMPSHIRE	96.2	97.5	95.4	96.4	96.0	96.9	96.4	97.3
NEW JERSEY	93.6	95.2	94.4	95.3	94.3	95.1	92.9	94.1
NEW MEXICO	87.1	89.9	88.4	90.9	90.2	93.3	88.3	91.2
NEW YORK	91.9	93.4	93.4	94.5	93.5	94.8	93.1	94.4
NORTH CAROLINA	91.8	94.2	92.5	94.5	92.7	94.6	92.6	95.2
NORTH DAKOTA	96.3	97.6	95.8	97.1	97.1	98.0	96.5	97.7
OHIO	94.5	95.8	94.6	95.6	94.9	96.0	94.8	96.0
OKLAHOMA	89.3	91.9	90.9	93.1	92.1	94.0	91.8	93.6
OREGON	94.7	95.4	93.9	94.7	94.8	95.7	96.1	97.0
PENNSYLVANIA	96.8	97.8	96.9	97.7	97.3	98.0	97.0	98.0
RHODE ISLAND	94.7	96.3	94.8	96.0	95.5	96.7	95.9	97.3
SOUTH CAROLINA	90.0	93.3	89.2	92.9	89.8	91.9	89.4	92.3
SOUTH DAKOTA	93.7	95.7	94.1	95.6	93.7	95.4	94.7	96.1
TENNESSEE	92.2	94.6	93.1	95.2	92.0	93.9	93.1	95.6
TEXAS	91.1	93.6	91.5	94.2	91.6	94.3	90.8	93.2
UTAH	96.2	97.0	95.9	96.5	96.0	96.8	95.7	97.1
VERMONT	94.4	96.5	94.2	95.6	94.6	95.9	94.6	96.3
VIRGINIA	92.6	94.7	94.8	96.4	94.3	95.9	94.8	96.7
WASHINGTON	96.8	97.3	96.0	96.9	96.8	98.0	96.0	97.2
WEST VIRGINIA	89.0	93.0	89.3	92.6	90.6	93.6	90.8	94.2
WISCONSIN	96.5	97.5	97.0	97.7	96.9	97.6	96.1	97.6
WYOMING	94.6	96.3	92.7	94.9	93.9	95.7	93.5	95.5

TABLE 6.4 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY STATE

	1995		1996					
	ANNUAL AVERAGE		MARCH		JULY		NOVEMBER	
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>UNITED STATES</b>	93.9	95.2	93.8	94.9	93.9	95.0	93.9	95.1
ALABAMA	92.2	94.0	91.7	93.4	92.0	93.6	92.8	94.8
ALASKA	93.6	95.6	95.4	96.0	93.3	94.3	94.6	96.0
ARIZONA	93.8	95.1	92.7	93.8	93.8	94.4	92.8	94.2
ARKANSAS	89.4	92.5	85.9	88.9	87.3	89.7	87.4	90.5
CALIFORNIA	94.5	95.3	94.9	95.7	95.1	95.5	95.1	95.7
COLORADO	96.6	97.2	96.4	96.9	94.8	95.8	95.2	96.5
CONNECTICUT	96.9	98.0	98.3	98.9	98.4	98.8	95.7	96.8
DELAWARE	96.2	96.8	95.0	96.5	97.3	97.5	95.9	97.2
DIST OF COLUMBIA	90.9	92.3	92.5	93.4	93.1	95.1	93.5	94.2
FLORIDA	93.9	94.8	93.3	94.3	93.3	94.7	92.6	93.5
GEORGIA	90.0	91.8	91.8	92.9	86.8	88.8	90.4	91.7
HAWAII	94.7	96.0	93.9	95.4	96.0	96.3	94.5	95.9
IDAHO	95.1	96.1	93.3	94.4	92.1	93.8	93.2	94.8
ILLINOIS	93.6	95.0	93.1	94.1	93.0	93.9	92.9	94.7
INDIANA	94.4	95.9	94.7	96.5	94.5	95.6	92.0	93.2
IOWA	96.4	97.6	95.8	95.9	98.0	98.4	96.0	96.5
KANSAS	93.9	95.0	93.6	95.0	94.3	95.4	93.8	95.1
KENTUCKY	92.1	94.2	91.2	92.9	92.8	93.3	93.0	93.7
LOUISIANA	92.6	95.3	90.4	92.3	91.6	94.2	91.3	93.3
MAINE	95.7	96.9	96.5	97.7	96.8	98.2	96.2	97.5
MARYLAND	96.4	96.8	96.3	97.1	96.5	96.9	97.3	97.5
MASSACHUSETTS	95.9	96.7	95.5	96.8	95.2	96.6	96.4	96.7
MICHIGAN	95.2	96.0	94.0	94.9	95.5	96.1	95.4	95.9
MINNESOTA	97.3	98.1	97.5	98.2	97.2	98.0	96.6	97.9
MISSISSIPPI	86.5	91.1	86.8	90.4	87.9	91.6	87.9	92.8
MISSOURI	94.4	95.7	96.2	97.4	94.8	95.7	95.0	97.0
MONTANA	94.2	95.3	94.1	95.4	94.6	95.9	94.1	95.3
NEBRASKA	97.1	97.8	96.0	97.0	95.8	96.4	96.2	97.3
NEVADA	92.6	93.6	94.0	94.7	92.7	93.3	93.8	94.4
NEW HAMPSHIRE	96.2	97.2	97.6	98.5	94.5	95.1	96.3	97.1
NEW JERSEY	92.3	93.2	92.8	93.4	92.8	93.8	95.2	97.1
NEW MEXICO	86.4	88.8	84.9	87.0	86.1	88.2	87.7	90.6
NEW YORK	92.9	93.9	93.1	94.0	93.2	93.8	94.0	95.0
NORTH CAROLINA	93.4	95.1	92.2	94.2	95.3	96.6	93.0	94.6
NORTH DAKOTA	97.2	97.9	96.2	96.7	96.9	97.3	95.8	96.2
OHIO	94.0	95.0	94.9	95.7	94.5	95.8	94.1	95.4
OKLAHOMA	91.5	92.9	90.6	92.1	92.4	93.4	90.9	92.4
OREGON	96.4	96.9	96.5	97.4	96.3	96.9	95.3	96.0
PENNSYLVANIA	96.8	97.5	97.1	97.7	96.9	97.5	96.7	97.3
RHODE ISLAND	96.0	97.4	95.6	96.3	95.3	95.7	96.2	97.0
SOUTH CAROLINA	90.5	92.3	92.0	94.3	91.3	94.6	90.6	92.0
SOUTH DAKOTA	94.3	95.9	93.1	94.1	94.2	95.1	92.7	94.4
TENNESSEE	93.0	95.5	93.4	95.3	94.1	96.4	94.4	96.8
TEXAS	91.3	93.3	90.8	92.1	91.4	93.0	90.9	92.6
UTAH	97.6	97.9	96.0	96.4	97.0	97.2	97.0	97.4
VERMONT	96.5	98.0	95.7	97.6	96.0	98.4	96.1	97.2
VIRGINIA	95.9	97.3	95.8	96.5	93.8	95.2	95.1	96.6
WASHINGTON	95.7	96.6	94.1	95.8	94.8	95.2	94.7	95.4
WEST VIRGINIA	92.7	94.9	93.0	94.7	93.1	94.8	92.6	95.6
WISCONSIN	97.3	97.7	96.8	97.8	96.9	97.8	97.3	97.6
WYOMING	94.1	95.5	95.1	95.4	95.3	95.8	94.7	95.9

TABLE 6.4 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY STATE

	1996		1997					
	ANNUAL AVERAGE		MARCH		JULY		NOVEMBER	
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
UNITED STATES	93.9	95.0	93.9	95.1	93.9	95.0	93.8	95.0
ALABAMA	92.2	93.9	91.4	92.7	93.0	94.7	92.5	93.5
ALASKA	94.4	95.4	94.4	96.1	93.5	96.5	95.6	96.7
ARIZONA	93.1	94.1	89.5	91.6	93.4	94.6	92.0	93.3
ARKANSAS	86.9	89.7	88.7	90.9	90.8	92.0	89.8	92.5
CALIFORNIA	95.0	95.6	94.2	95.0	94.3	94.9	94.4	94.9
COLORADO	95.5	96.4	96.6	98.2	94.5	96.9	96.5	96.7
CONNECTICUT	97.5	98.2	95.5	96.1	93.8	94.3	93.2	94.1
DELAWARE	96.1	97.1	95.0	96.3	95.3	96.7	96.9	97.1
DIST OF COLUMBIA	93.0	94.2	91.3	92.1	91.7	93.2	89.4	91.6
FLORIDA	93.1	94.2	92.0	93.4	93.1	94.0	93.2	94.5
GEORGIA	89.7	91.1	90.4	91.5	93.1	93.7	92.4	93.7
HAWAII	94.8	95.9	94.7	96.6	94.6	95.5	94.1	94.6
IDAHO	92.9	94.3	95.2	95.8	92.6	93.5	94.2	94.7
ILLINOIS	93.0	94.2	93.5	95.0	93.1	94.1	90.0	92.0
INDIANA	93.7	95.1	94.2	95.4	93.6	94.5	93.6	95.4
IOWA	96.6	96.9	96.0	97.0	97.3	97.9	96.8	97.5
KANSAS	93.9	95.2	94.5	95.5	93.6	94.9	93.8	95.1
KENTUCKY	92.3	93.3	93.1	94.8	93.2	94.3	93.2	93.9
LOUISIANA	91.1	93.3	91.3	93.5	91.5	94.3	90.3	92.8
MAINE	96.5	97.8	93.6	95.1	97.4	98.1	97.4	98.6
MARYLAND	96.7	97.2	95.3	95.6	95.5	96.2	96.3	97.1
MASSACHUSETTS	95.7	96.7	95.9	96.9	95.7	96.8	94.6	95.3
MICHIGAN	95.0	95.6	94.9	95.6	93.3	94.2	94.6	95.8
MINNESOTA	97.1	98.0	97.4	98.4	96.4	97.6	97.0	98.1
MISSISSIPPI	87.5	91.6	89.3	92.9	89.8	92.9	88.5	93.7
MISSOURI	95.3	96.7	97.5	98.5	93.7	94.9	93.9	95.3
MONTANA	94.3	95.5	94.1	94.7	94.4	95.1	92.6	94.6
NEBRASKA	96.0	96.9	96.9	97.9	97.9	98.1	96.4	97.4
NEVADA	93.5	94.1	94.1	94.4	94.6	94.9	93.7	93.9
NEW HAMPSHIRE	96.1	96.9	97.1	97.5	95.5	97.1	96.9	97.5
NEW JERSEY	93.6	94.8	95.9	97.1	95.6	96.1	93.3	94.8
NEW MEXICO	86.2	88.6	86.4	89.5	90.7	92.7	87.2	90.3
NEW YORK	93.4	94.3	94.3	95.6	93.7	94.3	94.6	95.4
NORTH CAROLINA	93.5	95.1	93.5	94.8	93.2	94.3	92.6	93.6
NORTH DAKOTA	96.3	96.7	96.1	97.0	94.6	96.8	96.8	97.2
OHIO	94.5	95.6	94.9	95.8	94.3	95.2	94.5	94.9
OKLAHOMA	91.3	92.6	91.6	93.8	89.9	91.1	92.7	94.5
OREGON	96.0	96.8	95.6	96.1	95.2	96.1	96.1	96.6
PENNSYLVANIA	96.9	97.5	97.3	97.8	96.4	97.0	97.7	98.1
RHODE ISLAND	95.7	96.3	94.6	95.4	94.7	95.8	94.1	95.5
SOUTH CAROLINA	91.3	93.6	92.3	93.3	92.0	93.8	93.3	94.2
SOUTH DAKOTA	93.3	94.5	94.4	95.6	92.9	93.6	94.3	95.8
TENNESSEE	94.0	96.2	94.1	95.3	94.5	97.1	94.9	96.7
TEXAS	91.0	92.6	90.8	92.8	91.7	93.4	91.3	92.8
UTAH	96.7	97.0	97.4	98.0	96.3	97.2	97.1	97.8
VERMONT	95.9	97.7	93.8	95.7	96.7	97.6	94.8	96.8
VIRGINIA	94.9	96.1	93.5	94.9	94.6	95.3	95.5	96.8
WASHINGTON	94.5	95.5	95.9	96.8	96.6	97.5	95.1	96.4
WEST VIRGINIA	92.9	95.0	93.5	95.2	93.4	94.8	92.8	94.7
WISCONSIN	97.0	97.7	96.2	96.4	96.7	97.7	96.1	97.4
WYOMING	95.0	95.7	94.5	96.1	92.7	94.5	93.0	94.5

TABLE 6.4 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY STATE

	1997		1998			
	ANNUAL AVERAGE		MARCH		JULY	
	Unit	Avail	Unit	Avail	Unit	Avail
UNITED STATES	93.9	95.0	94.1	95.1	94.1	95.2
ALABAMA	92.3	93.6	93.5	94.4	93.2	94.8
ALASKA	94.5	96.4	92.3	94.5	94.4	96.3
ARIZONA	91.6	93.2	91.9	93.0	91.0	92.3
ARKANSAS	89.8	91.8	86.6	89.1	88.2	89.3
CALIFORNIA	94.3	94.9	94.9	95.4	95.3	95.9
COLORADO	95.9	97.3	93.9	95.2	95.8	96.5
CONNECTICUT	94.2	94.8	92.7	93.9	96.2	96.8
DELAWARE	95.7	96.7	97.2	97.6	96.8	97.2
DIST OF COLUMBIA	90.8	92.3	91.6	93.0	90.6	92.3
FLORIDA	92.8	94.0	93.3	94.0	92.2	93.2
GEORGIA	92.0	93.0	89.9	90.5	92.2	93.6
HAWAII	94.5	95.6	95.1	96.0	96.1	96.9
IDAHO	94.0	94.7	92.7	93.5	93.4	94.4
ILLINOIS	92.2	93.7	92.7	93.9	93.3	94.7
INDIANA	93.8	95.1	93.8	94.4	94.5	96.2
IOWA	96.7	97.5	96.6	97.7	97.3	98.0
KANSAS	94.0	95.2	95.4	96.2	93.2	94.5
KENTUCKY	93.2	94.3	94.1	96.0	93.6	95.6
LOUISIANA	91.0	93.5	93.5	94.2	91.7	92.7
MAINE	96.1	97.3	95.8	97.6	97.7	98.3
MARYLAND	95.7	96.3	96.1	96.4	96.9	97.7
MASSACHUSETTS	95.4	96.3	94.0	94.9	94.0	94.6
MICHIGAN	94.3	95.2	95.1	96.1	95.3	96.0
MINNESOTA	96.9	98.0	97.4	98.0	97.7	97.8
MISSISSIPPI	89.2	93.2	89.1	92.0	89.3	92.0
MISSOURI	95.0	96.2	95.0	95.8	93.6	95.5
MONTANA	93.7	94.8	93.2	93.9	93.9	95.3
NEBRASKA	97.1	97.8	95.7	96.3	96.7	97.5
NEVADA	94.1	94.4	93.0	94.0	90.7	92.0
NEW HAMPSHIRE	96.5	97.4	95.3	96.6	95.6	96.4
NEW JERSEY	94.9	96.0	95.7	96.5	93.7	94.4
NEW MEXICO	88.1	90.8	88.2	91.2	89.8	92.2
NEW YORK	94.2	95.1	95.2	96.1	94.7	95.6
NORTH CAROLINA	93.1	94.2	93.2	94.4	92.8	93.5
NORTH DAKOTA	95.8	97.0	96.5	97.1	96.5	97.2
OHIO	94.6	95.3	95.9	96.6	95.4	96.2
OKLAHOMA	91.4	93.1	90.4	91.8	91.5	91.9
OREGON	95.6	96.3	95.6	96.5	96.8	97.9
PENNSYLVANIA	97.1	97.6	96.9	97.8	95.9	96.6
RHODE ISLAND	94.5	95.6	96.0	97.0	95.1	96.0
SOUTH CAROLINA	92.5	93.8	92.3	93.7	92.2	94.0
SOUTH DAKOTA	93.9	95.0	88.9	89.8	93.1	94.8
TENNESSEE	94.5	96.4	93.9	95.4	95.1	98.1
TEXAS	91.3	93.0	92.9	94.4	91.8	93.3
UTAH	96.9	97.7	98.3	98.9	97.4	98.0
VERMONT	95.1	96.7	95.7	96.8	94.9	95.6
VIRGINIA	94.5	95.7	94.9	95.6	93.6	94.3
WASHINGTON	95.9	96.9	94.8	95.3	95.5	96.3
WEST VIRGINIA	93.2	94.9	93.8	95.4	93.8	95.5
WISCONSIN	96.3	97.2	94.9	95.9	97.0	97.9
WYOMING	93.4	95.0	92.5	93.7	94.8	95.2

TABLE 6.5 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>NOVEMBER 83</b>								
TOTAL	91.4	93.7	93.1	95.0	78.8	83.9	80.7	84.6
UNDER \$5,000	71.7	78.4	75.7	81.9	62.7	70.4	58.3	64.6
\$5,000 - \$7,499	82.7	87.2	84.5	88.5	74.7	82.0	71.1	76.5
\$7,500 - \$9,999	88.2	90.9	89.6	92.2	80.5	83.9	72.6	77.9
\$10,000 - \$12,499	89.7	92.7	91.2	93.9	82.0	86.2	76.8	82.1
\$12,500 - \$14,999	92.1	94.6	93.4	95.2	82.5	90.7	89.8	91.7
\$15,000 - \$17,499	94.6	96.2	94.9	96.4	91.7	95.1	86.9	90.8
\$17,500 - \$19,999	95.7	97.4	96.1	97.7	91.4	95.0	88.4	91.5
\$20,000 - \$24,999	96.9	97.8	97.4	98.2	91.2	93.2	93.1	94.3
\$25,000 - \$29,999	98.0	98.9	98.2	99.0	96.1	97.2	98.3	99.0
\$30,000 - \$34,999	98.8	99.1	99.0	99.2	95.1	97.7	97.7	98.9
\$35,000 - \$39,999	99.0	99.5	99.1	99.5	98.4	98.4	92.1	98.2
\$40,000 - \$49,999	99.2	99.5	99.4	99.7	97.3	97.3	100.0	100.0
\$50,000 - \$74,999	99.4	99.7	99.5	99.7	98.5	100.0	99.6	100.0
\$75,000 +	99.4	99.6	99.4	99.6	100.0	100.0	100.0	100.0
<b>1984 ANNUAL AVERAGE</b>								
TOTAL	91.6	93.7	93.2	94.9	79.8	84.5	80.9	84.3
UNDER \$5,000	71.2	77.5	74.5	80.4	63.2	70.5	55.1	62.3
\$5,000 - \$7,499	83.3	86.9	85.5	88.7	74.8	80.2	69.8	73.6
\$7,500 - \$9,999	86.5	89.6	88.3	91.0	77.2	82.7	75.0	79.7
\$10,000 - \$12,499	89.7	92.6	91.1	93.6	81.1	86.3	79.7	84.6
\$12,500 - \$14,999	92.1	94.4	93.0	95.0	85.4	89.5	87.3	90.5
\$15,000 - \$17,499	93.7	95.7	94.2	96.0	88.5	92.2	88.4	90.0
\$17,500 - \$19,999	95.1	96.4	95.6	96.7	91.7	94.4	91.0	92.8
\$20,000 - \$24,999	96.8	97.8	97.1	98.0	93.3	95.8	92.5	94.5
\$25,000 - \$29,999	98.1	98.8	98.4	98.9	95.1	97.2	96.4	97.2
\$30,000 - \$34,999	98.7	99.1	98.8	99.3	96.8	97.2	98.8	99.1
\$35,000 - \$39,999	99.2	99.5	99.3	99.6	97.7	98.3	98.2	98.5
\$40,000 - \$49,999	99.3	99.6	99.4	99.7	96.6	96.9	98.9	99.3
\$50,000 - \$74,999	99.4	99.8	99.5	99.8	98.0	98.4	100.0	100.0
\$75,000 +	98.9	99.6	98.9	99.6	96.5	100.0	98.0	100.0
<b>1985 ANNUAL AVERAGE</b>								
TOTAL	91.8	93.9	93.3	95.0	81.1	85.2	81.3	84.4
UNDER \$5,000	71.9	78.1	75.3	81.3	63.9	70.6	61.6	67.0
\$5,000 - \$7,499	82.7	86.5	84.8	88.1	74.0	79.8	66.6	71.3
\$7,500 - \$9,999	86.8	90.0	88.1	90.9	80.3	85.0	75.0	79.4
\$10,000 - \$12,499	89.6	92.2	90.8	93.2	82.3	86.0	80.4	82.8
\$12,500 - \$14,999	91.0	93.7	92.2	94.5	82.7	87.8	82.8	85.8
\$15,000 - \$17,499	93.4	95.6	94.2	96.2	88.2	91.8	85.7	88.6
\$17,500 - \$19,999	94.7	96.2	95.1	96.6	91.5	93.4	90.4	92.8
\$20,000 - \$24,999	96.3	97.5	96.5	97.6	94.4	96.3	91.3	93.7
\$25,000 - \$29,999	97.6	98.5	97.8	98.6	95.8	97.3	93.0	95.9
\$30,000 - \$34,999	98.6	99.0	98.7	99.1	97.3	98.4	97.3	97.3
\$35,000 - \$39,999	98.8	99.2	98.9	99.4	96.9	97.8	98.2	99.4
\$40,000 - \$49,999	99.1	99.4	99.1	99.4	97.8	98.2	97.5	98.2
\$50,000 - \$74,999	99.3	99.7	99.4	99.7	97.9	98.8	99.5	99.5
\$75,000 +	99.2	99.5	99.2	99.5	97.6	97.6	98.5	98.5

TABLE 6.5 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>1986 ANNUAL AVERAGE</b>								
TOTAL	92.3	94.1	93.7	95.2	81.6	85.9	81.4	84.1
UNDER \$5,000	71.6	77.4	74.9	80.1	63.9	71.0	57.5	62.9
\$5,000 - \$7,499	83.1	86.5	85.2	88.2	74.3	79.6	68.1	72.1
\$7,500 - \$9,999	86.9	90.2	88.4	91.1	78.6	85.2	72.9	75.8
\$10,000 - \$12,499	89.6	92.1	90.7	93.0	82.6	86.4	80.3	82.6
\$12,500 - \$14,999	91.2	93.8	91.9	94.4	86.4	90.3	83.9	87.8
\$15,000 - \$17,499	93.1	95.1	94.3	95.7	85.3	91.6	86.3	88.9
\$17,500 - \$19,999	94.9	96.3	95.3	96.7	92.2	94.2	87.2	90.1
\$20,000 - \$24,999	96.5	97.5	96.9	97.9	92.8	94.6	93.0	94.1
\$25,000 - \$29,999	97.7	98.4	98.0	98.7	94.5	95.9	93.9	95.2
\$30,000 - \$34,999	98.4	98.9	98.6	99.0	96.7	97.5	97.5	98.4
\$35,000 - \$39,999	98.9	99.3	99.0	99.4	97.6	97.9	98.1	99.3
\$40,000 - \$49,999	99.1	99.4	99.1	99.4	98.2	98.2	98.5	98.8
\$50,000 - \$74,999	99.5	99.8	99.6	99.8	99.4	99.4	99.4	99.7
\$75,000 +	99.4	99.6	99.4	99.6	98.0	99.5	97.5	100.0
<b>1987 ANNUAL AVERAGE</b>								
TOTAL	92.4	94.2	93.8	95.4	81.8	85.9	83.0	85.4
UNDER \$5,000	71.5	77.4	75.0	80.3	63.7	71.0	60.7	65.7
\$5,000 - \$7,499	83.4	86.7	85.5	88.4	74.8	80.2	69.9	72.4
\$7,500 - \$9,999	86.7	89.6	88.1	90.6	79.3	84.0	75.8	78.9
\$10,000 - \$12,499	89.5	92.3	90.4	93.1	83.2	87.5	81.0	84.1
\$12,500 - \$14,999	90.8	93.2	91.9	94.1	83.8	87.7	85.2	86.9
\$15,000 - \$17,499	92.6	94.9	93.5	95.5	86.9	90.8	85.6	88.7
\$17,500 - \$19,999	94.4	96.0	95.1	96.4	89.0	92.7	89.3	90.6
\$20,000 - \$24,999	96.4	97.6	96.8	97.9	93.5	95.1	93.1	94.9
\$25,000 - \$29,999	97.5	98.4	98.0	98.7	93.4	95.3	96.4	97.1
\$30,000 - \$34,999	98.1	98.9	98.3	99.0	96.1	97.2	96.9	97.7
\$35,000 - \$39,999	98.8	99.2	98.9	99.3	96.5	98.6	97.4	97.7
\$40,000 - \$49,999	99.4	99.7	99.5	99.7	98.7	98.7	99.7	99.8
\$50,000 - \$74,999	99.5	99.8	99.5	99.8	99.1	99.4	98.7	99.6
\$75,000 +	99.5	99.8	99.5	99.8	98.5	99.6	98.6	100.0
<b>1988 ANNUAL AVERAGE</b>								
TOTAL	92.7	94.5	94.1	95.6	83.0	86.8	82.1	85.1
UNDER \$5,000	72.0	78.4	74.9	80.8	65.8	73.2	58.5	64.5
\$5,000 - \$7,499	83.3	87.1	85.1	88.4	76.9	82.3	66.4	71.7
\$7,500 - \$9,999	85.6	88.7	87.2	90.3	77.7	81.4	67.3	72.8
\$10,000 - \$12,499	88.8	91.5	90.1	92.4	81.7	86.5	77.5	80.9
\$12,500 - \$14,999	91.3	93.7	92.2	94.4	85.1	88.8	81.5	84.5
\$15,000 - \$19,999	93.6	95.3	94.3	95.9	88.5	91.1	88.6	90.6
\$20,000 - \$24,999	96.2	97.4	96.5	97.6	93.5	95.7	91.1	93.1
\$25,000 - \$29,999	97.6	98.4	97.9	98.5	94.4	96.7	95.0	96.4
\$30,000 - \$34,999	98.4	99.0	98.7	99.2	95.4	96.7	98.6	99.0
\$35,000 - \$39,999	98.8	99.2	98.9	99.3	97.8	98.4	97.2	97.7
\$40,000 - \$49,999	99.3	99.6	99.4	99.7	97.3	98.5	98.7	99.7
\$50,000 - \$74,999	99.5	99.8	99.6	99.8	99.2	99.3	99.4	99.8
\$75,000 +	99.5	99.9	99.4	99.9	100.0	100.0	97.8	100.0

TABLE 6.5 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail		
<b>1989 ANNUAL AVERAGE</b>								
TOTAL	93.1	94.9	94.5	95.9	83.2	87.1	83.0	86.0
UNDER \$5,000	74.4	80.4	78.1	83.2	65.6	73.5	62.1	67.3
\$5,000 - \$7,499	83.7	87.4	85.7	89.1	77.4	82.0	68.8	73.8
\$7,500 - \$9,999	86.6	89.8	88.5	91.3	78.4	83.6	75.9	80.2
\$10,000 - \$12,499	88.4	91.3	90.0	92.6	79.3	84.9	73.2	76.8
\$12,500 - \$14,999	91.3	93.7	92.4	94.5	84.5	88.8	79.2	83.7
\$15,000 - \$19,999	93.2	95.0	94.2	95.8	85.9	89.2	86.3	88.8
\$20,000 - \$24,999	95.9	97.2	96.4	97.5	91.6	94.3	92.0	94.4
\$25,000 - \$29,999	97.5	98.4	97.9	98.6	94.0	96.0	93.3	96.3
\$30,000 - \$34,999	98.3	98.8	98.5	98.9	96.1	97.0	95.6	96.2
\$35,000 - \$39,999	98.7	99.3	98.9	99.4	96.7	98.0	95.8	97.5
\$40,000 - \$49,999	99.1	99.5	99.2	99.6	97.2	97.7	97.0	98.2
\$50,000 - \$59,999	99.5	99.7	99.5	99.8	98.7	99.0	98.7	99.2
\$60,000 - \$74,999	99.5	99.7	99.5	99.7	99.3	99.3	95.7	96.8
\$75,000 +	99.5	99.8	99.5	99.8	99.5	99.5	99.7	99.7
<b>1990 ANNUAL AVERAGE</b>								
TOTAL	93.3	95.0	94.6	96.1	83.5	87.0	82.7	85.3
UNDER \$5,000	75.4	81.0	79.1	84.2	66.1	72.8	61.1	66.1
\$5,000 - \$7,499	82.6	86.8	84.9	88.8	74.9	80.1	66.7	70.6
\$7,500 - \$9,999	86.9	89.9	89.0	91.6	77.3	82.4	74.8	77.8
\$10,000 - \$12,499	88.9	91.7	90.2	92.8	81.9	85.5	74.1	77.1
\$12,500 - \$14,999	91.7	93.9	92.7	94.7	85.9	88.7	82.0	84.3
\$15,000 - \$19,999	93.3	95.3	94.2	96.0	87.7	91.0	85.1	88.6
\$20,000 - \$24,999	95.6	97.0	96.1	97.4	91.9	93.7	89.4	91.3
\$25,000 - \$29,999	97.0	98.0	97.7	98.5	90.9	93.2	94.2	95.5
\$30,000 - \$34,999	97.9	98.6	98.4	98.9	93.3	95.4	96.0	97.0
\$35,000 - \$39,999	98.7	99.3	98.8	99.4	97.0	98.0	94.1	96.3
\$40,000 - \$49,999	99.1	99.4	99.2	99.5	98.5	98.8	97.8	97.8
\$50,000 - \$59,999	99.4	99.6	99.5	99.7	98.7	98.7	97.5	98.2
\$60,000 - \$74,999	99.5	99.7	99.6	99.8	98.3	98.8	98.8	99.1
\$75,000 +	99.5	99.8	99.5	99.8	98.6	98.6	97.7	99.6
<b>1991 ANNUAL AVERAGE</b>								
TOTAL	93.4	95.1	94.8	96.2	83.5	87.2	84.1	86.7
UNDER \$5,000	73.9	80.1	78.3	83.7	63.3	71.2	65.2	71.3
\$5,000 - \$7,499	82.9	86.8	85.2	88.8	75.0	80.3	69.6	74.7
\$7,500 - \$9,999	86.5	89.7	88.1	91.0	79.1	83.7	73.1	76.9
\$10,000 - \$12,499	88.9	91.6	90.0	92.5	82.4	86.2	76.0	79.2
\$12,500 - \$14,999	91.1	93.4	92.1	94.3	85.5	88.4	82.4	84.6
\$15,000 - \$19,999	93.4	95.2	94.3	95.9	87.1	90.7	87.0	89.8
\$20,000 - \$24,999	95.5	97.0	96.0	97.5	91.2	93.3	91.6	93.5
\$25,000 - \$29,999	96.8	97.9	97.3	98.2	93.6	96.0	90.9	92.4
\$30,000 - \$34,999	98.3	98.9	98.6	99.2	95.4	97.1	95.8	97.1
\$35,000 - \$39,999	98.7	99.1	98.8	99.3	97.0	97.7	96.2	97.3
\$40,000 - \$49,999	99.1	99.5	99.2	99.6	98.1	98.6	98.2	98.8
\$50,000 - \$59,999	99.5	99.7	99.5	99.7	98.6	99.0	97.9	98.6
\$60,000 - \$74,999	99.7	99.9	99.7	99.9	99.3	99.5	98.8	99.2
\$75,000 +	99.7	99.9	99.7	99.9	99.6	100.0	98.5	99.6

TABLE 6.5 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>1992 ANNUAL AVERAGE</b>								
TOTAL	93.8	95.3	95.2	96.4	84.2	87.9	85.8	88.2
UNDER \$5,000	72.0	78.1	75.5	81.1	64.1	71.3	65.0	70.7
\$5,000 - \$7,499	83.2	86.8	85.4	88.3	76.3	82.3	72.0	75.5
\$7,500 - \$9,999	87.5	90.2	89.2	91.4	79.9	84.9	76.2	79.9
\$10,000 - \$12,499	90.5	92.9	91.6	93.9	84.6	87.9	82.1	85.3
\$12,500 - \$14,999	91.5	93.7	92.7	94.7	85.1	88.4	85.7	88.8
\$15,000 - \$19,999	93.3	95.0	94.3	95.7	86.6	90.6	86.7	89.5
\$20,000 - \$24,999	95.9	97.1	96.5	97.5	91.2	93.7	93.2	94.5
\$25,000 - \$29,999	97.1	98.0	97.6	98.5	92.6	94.6	94.8	95.6
\$30,000 - \$34,999	98.2	98.9	98.4	99.0	96.3	97.4	96.1	97.1
\$35,000 - \$39,999	98.6	99.0	98.9	99.3	96.4	97.4	96.6	97.5
\$40,000 - \$49,999	99.2	99.5	99.4	99.6	97.6	98.5	98.2	98.7
\$50,000 - \$59,999	99.4	99.7	99.4	99.7	98.9	99.6	98.3	98.5
\$60,000 - \$74,999	99.5	99.8	99.5	99.8	99.3	99.6	98.9	99.7
\$75,000 +	99.4	99.7	99.5	99.8	97.7	97.9	99.1	99.1
<b>1993 ANNUAL AVERAGE</b>								
TOTAL	94.2	95.6	95.5	96.6	85.2	88.3	86.7	88.8
UNDER \$5,000	72.9	78.9	76.4	82.0	65.5	72.7	66.3	70.7
\$5,000 - \$7,499	84.0	87.2	85.7	88.8	78.7	82.4	75.7	78.6
\$7,500 - \$9,999	87.4	90.1	89.1	91.4	80.1	84.6	79.7	82.8
\$10,000 - \$12,499	90.6	92.7	91.9	93.8	82.9	86.7	85.7	88.3
\$12,500 - \$14,999	92.0	94.1	93.2	95.1	84.8	88.7	84.0	86.2
\$15,000 - \$19,999	93.6	95.2	94.5	96.0	88.0	90.4	85.3	88.3
\$20,000 - \$24,999	96.3	97.5	96.8	97.8	92.6	94.6	91.9	94.6
\$25,000 - \$29,999	97.7	98.5	98.1	98.8	94.5	96.1	95.5	96.9
\$30,000 - \$34,999	98.3	98.9	98.6	99.1	96.3	96.9	96.2	97.3
\$35,000 - \$39,999	98.6	99.0	98.8	99.2	96.3	97.1	95.7	96.3
\$40,000 - \$49,999	99.2	99.5	99.3	99.5	98.2	98.6	96.9	97.4
\$50,000 - \$59,999	99.5	99.7	99.5	99.7	99.0	99.3	98.4	99.1
\$60,000 - \$74,999	99.6	99.8	99.6	99.8	99.3	99.3	100.0	100.0
\$75,000 +	99.5	99.8	99.5	99.8	99.4	100.0	100.0	100.0
<b>1994 ANNUAL AVERAGE</b>								
TOTAL	93.8	95.4	95.1	96.4	85.7	89.4	86.0	88.3
UNDER \$5,000	76.1	82.1	79.8	84.6	68.7	77.4	66.3	71.8
\$5,000 - \$7,499	82.7	87.0	84.9	88.9	77.2	82.4	73.1	77.3
\$7,500 - \$9,999	87.3	90.5	89.1	92.1	81.4	84.9	81.1	83.8
\$10,000 - \$12,499	89.6	92.2	90.9	93.1	81.5	88.6	83.3	86.2
\$12,500 - \$14,999	91.5	94.0	92.9	95.0	85.5	89.2	84.6	87.8
\$15,000 - \$19,999	93.6	95.3	94.4	95.8	86.6	92.2	87.6	89.7
\$20,000 - \$24,999	95.2	96.7	95.8	97.2	90.3	93.5	91.4	93.5
\$25,000 - \$29,999	96.6	97.6	97.0	97.9	93.9	95.8	92.1	93.3
\$30,000 - \$34,999	97.3	98.2	97.7	98.5	93.8	95.7	91.7	93.9
\$35,000 - \$39,999	97.8	98.5	98.1	98.6	94.4	97.3	95.2	96.0
\$40,000 - \$49,999	98.6	99.1	98.8	99.3	97.2	97.8	96.4	96.6
\$50,000 - \$59,999	99.0	99.3	99.2	99.4	96.3	98.1	99.5	99.7
\$60,000 - \$74,999	99.4	99.5	99.4	99.5	99.5	99.7	98.3	98.5
\$75,000 +	99.1	99.4	99.2	99.4	98.6	99.3	98.7	98.7



TABLE 6.5 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>1995 ANNUAL AVERAGE</b>								
TOTAL	93.9	95.2	95.2	96.2	86.2	89.2	85.9	87.8
UNDER \$5,000	75.3	80.5	79.1	83.0	67.4	75.1	68.8	72.2
\$5,000 - \$7,499	82.8	86.3	84.8	87.7	77.9	83.0	72.6	75.5
\$7,500 - \$9,999	87.3	89.6	89.5	91.5	79.0	83.3	78.0	80.4
\$10,000 - \$12,499	89.8	92.1	91.2	93.2	83.5	87.6	84.2	86.4
\$12,500 - \$14,999	91.7	93.5	92.8	94.4	86.4	89.3	84.9	86.8
\$15,000 - \$19,999	93.1	95.0	94.1	95.6	88.5	92.4	84.9	87.6
\$20,000 - \$24,999	95.4	96.4	96.0	96.9	92.4	94.1	90.2	92.1
\$25,000 - \$29,999	96.6	97.6	97.0	97.9	93.7	95.6	92.2	94.3
\$30,000 - \$34,999	97.6	98.0	97.9	98.3	94.3	95.2	94.2	95.1
\$35,000 - \$39,999	98.3	98.7	98.5	98.8	96.9	97.5	97.3	98.4
\$40,000 - \$49,999	98.6	98.9	98.8	99.0	97.1	97.8	96.6	96.6
\$50,000 - \$59,999	98.8	99.1	99.0	99.3	97.7	98.2	95.7	97.0
\$60,000 - \$74,999	99.2	99.3	99.2	99.4	98.8	99.0	98.6	99.4
\$75,000 +	99.0	99.2	99.0	99.2	99.1	99.5	99.0	99.0
<b>MARCH 96</b>								
TOTAL	93.8	94.9	94.9	95.8	87.1	89.5	85.4	87.3
UNDER \$5,000	75.0	79.6	76.3	80.1	71.8	78.4	70.4	73.1
\$5,000 - \$7,499	83.0	85.7	84.4	86.6	80.4	84.4	72.8	76.4
\$7,500 - \$9,999	87.4	89.8	89.3	90.8	80.6	86.1	82.2	84.4
\$10,000 - \$12,499	89.4	91.6	90.6	92.7	85.1	87.4	82.0	84.4
\$12,500 - \$14,999	92.2	94.0	93.4	95.1	87.5	90.1	83.3	86.6
\$15,000 - \$19,999	92.3	93.9	93.3	94.7	86.2	89.2	82.6	85.4
\$20,000 - \$24,999	94.4	95.6	95.0	95.9	91.7	93.3	86.4	87.7
\$25,000 - \$29,999	96.1	97.1	96.5	97.4	92.7	94.5	94.3	96.1
\$30,000 - \$34,999	97.7	98.2	97.9	98.4	96.8	97.4	95.8	96.7
\$35,000 - \$39,999	98.2	98.6	98.4	98.8	95.8	96.5	95.8	95.8
\$40,000 - \$49,999	98.5	98.9	98.9	99.2	96.3	96.6	95.1	97.0
\$50,000 - \$59,999	99.1	99.1	99.3	99.3	96.8	96.8	98.1	98.1
\$60,000 - \$74,999	98.9	99.4	98.9	99.5	99.6	99.6	96.8	99.1
\$75,000 +	99.1	99.3	99.1	99.3	98.9	99.3	97.8	98.7
<b>JULY 96</b>								
TOTAL	93.9	95.0	94.9	95.7	87.6	90.0	87.2	88.5
UNDER \$5,000	76.0	80.1	79.1	82.2	68.8	75.2	67.5	70.5
\$5,000 - \$7,499	83.4	85.8	85.0	87.1	79.3	82.8	81.3	82.1
\$7,500 - \$9,999	87.1	89.8	88.3	90.3	81.3	86.9	78.4	80.6
\$10,000 - \$12,499	89.0	91.3	90.5	92.4	82.9	87.1	82.9	85.1
\$12,500 - \$14,999	91.8	93.9	92.0	93.9	90.1	94.2	85.9	86.7
\$15,000 - \$19,999	93.6	95.1	94.2	95.6	89.4	92.0	87.2	88.9
\$20,000 - \$24,999	94.3	95.2	94.8	95.7	90.1	91.4	87.9	90.1
\$25,000 - \$29,999	96.2	97.0	96.4	97.1	94.3	95.7	95.3	95.5
\$30,000 - \$34,999	97.5	98.0	97.6	98.2	96.6	97.4	95.9	96.9
\$35,000 - \$39,999	97.7	98.2	97.6	98.1	98.2	98.2	94.8	96.0
\$40,000 - \$49,999	98.6	98.8	98.6	98.8	97.9	97.9	96.7	97.1
\$50,000 - \$59,999	98.9	99.2	99.0	99.2	97.9	98.4	97.4	99.5
\$60,000 - \$74,999	99.1	99.2	99.4	99.5	95.1	95.1	98.1	99.2
\$75,000 +	98.5	99.0	98.5	98.9	99.3	99.3	98.0	98.0

TABLE 6.5 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>NOVEMBER 96</b>								
TOTAL	93.9	95.1	95.0	95.9	87.1	90.0	86.5	88.3
UNDER \$5,000	75.9	81.1	78.6	82.8	69.8	77.2	66.2	70.6
\$5,000 - \$7,499	83.0	85.9	84.1	86.1	80.1	85.8	76.6	78.0
\$7,500 - \$9,999	87.0	89.8	88.3	90.9	83.7	87.1	78.4	82.0
\$10,000 - \$12,499	88.1	91.3	89.4	91.7	82.5	89.7	81.0	83.5
\$12,500 - \$14,999	91.0	92.6	93.0	94.3	80.6	84.1	86.2	87.8
\$15,000 - \$19,999	93.1	94.7	93.5	95.0	90.5	92.7	89.7	91.7
\$20,000 - \$24,999	94.8	95.9	95.4	96.5	92.1	93.2	85.2	88.1
\$25,000 - \$29,999	96.2	97.1	96.6	97.3	92.8	94.7	93.8	94.7
\$30,000 - \$34,999	97.4	98.1	97.7	98.3	95.7	97.4	95.4	95.4
\$35,000 - \$39,999	97.7	98.0	97.5	97.8	98.5	99.2	95.1	95.3
\$40,000 - \$49,999	98.4	98.9	98.6	99.1	96.0	96.6	96.4	98.3
\$50,000 - \$59,999	98.5	98.8	98.6	98.9	97.3	97.6	97.0	97.0
\$60,000 - \$74,999	98.5	98.7	98.7	98.9	97.1	97.1	98.9	100.0
\$75,000 +	99.2	99.4	99.3	99.4	97.8	98.9	99.3	99.3
<b>1996 ANNUAL AVERAGE</b>								
TOTAL	93.9	95.0	94.9	95.8	87.3	89.8	86.4	88.0
UNDER \$5,000	75.6	80.3	78.0	81.7	70.1	76.9	68.0	71.4
\$5,000 - \$7,499	83.1	85.8	84.5	86.6	79.9	84.3	76.9	78.8
\$7,500 - \$9,999	87.2	89.8	88.6	90.7	81.9	86.7	79.7	82.3
\$10,000 - \$12,499	88.8	91.4	90.2	92.3	83.5	88.1	82.0	84.3
\$12,500 - \$14,999	91.7	93.5	92.8	94.4	86.1	89.5	85.1	87.0
\$15,000 - \$19,999	93.0	94.6	93.7	95.1	88.7	91.3	86.5	88.7
\$20,000 - \$24,999	94.5	95.6	95.1	96.0	91.3	92.6	86.5	88.6
\$25,000 - \$29,999	96.2	97.1	96.5	97.3	93.3	95.0	94.5	95.4
\$30,000 - \$34,999	97.5	98.1	97.7	98.3	96.4	97.4	95.7	96.3
\$35,000 - \$39,999	97.9	98.3	97.8	98.2	97.5	98.0	95.2	95.7
\$40,000 - \$49,999	98.5	98.9	98.7	99.0	96.7	97.0	96.1	97.5
\$50,000 - \$59,999	98.8	99.0	99.0	99.1	97.3	97.6	97.5	98.2
\$60,000 - \$74,999	98.8	99.1	99.0	99.3	97.3	97.3	97.9	99.4
\$75,000 +	98.9	99.2	99.0	99.2	98.7	99.2	98.4	98.7
<b>MARCH 97</b>								
TOTAL	93.9	95.1	95.0	95.9	87.3	89.9	86.3	88.6
UNDER \$5,000	77.1	82.3	79.8	84.5	71.1	77.4	69.9	74.2
\$5,000 - \$7,499	83.4	85.8	85.3	87.4	77.9	81.2	76.9	78.6
\$7,500 - \$9,999	86.9	89.5	89.7	91.5	77.1	82.5	79.6	82.5
\$10,000 - \$12,499	89.0	91.3	90.5	92.2	82.5	87.3	80.0	84.4
\$12,500 - \$14,999	90.4	93.1	91.9	94.1	81.6	86.4	82.1	85.8
\$15,000 - \$19,999	93.0	94.6	93.9	95.2	89.8	92.7	81.8	84.7
\$20,000 - \$24,999	95.0	95.8	95.5	96.2	92.3	93.9	89.2	90.8
\$25,000 - \$29,999	95.2	96.3	95.8	96.8	91.4	93.8	90.7	93.2
\$30,000 - \$34,999	97.3	98.1	97.6	98.4	94.3	96.0	92.4	94.0
\$35,000 - \$39,999	97.7	98.1	98.0	98.3	96.1	96.8	95.5	96.8
\$40,000 - \$49,999	98.2	98.7	98.4	98.7	97.5	98.6	96.4	97.3
\$50,000 - \$59,999	98.4	98.7	98.4	98.8	97.2	97.3	96.7	97.6
\$60,000 - \$74,999	98.8	99.0	98.8	99.0	99.5	99.5	99.9	99.9
\$75,000 +	99.0	99.2	99.2	99.3	96.7	97.6	100.0	100.0

TABLE 6.5 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>JULY 97</b>								
TOTAL	93.9	95.0	95.0	95.9	86.9	89.2	87.0	88.6
UNDER \$5,000	72.9	78.3	76.4	81.3	66.0	72.6	64.4	69.8
\$5,000 - \$7,499	82.8	86.9	84.6	88.5	78.4	83.0	75.7	78.7
\$7,500 - \$9,999	85.7	88.5	87.8	90.2	78.2	82.1	78.6	80.0
\$10,000 - \$12,499	90.1	92.0	90.5	92.4	87.7	89.5	80.9	85.0
\$12,500 - \$14,999	92.1	93.7	92.8	94.2	87.9	90.7	85.7	86.8
\$15,000 - \$19,999	94.2	95.4	95.0	95.9	90.4	92.7	91.2	91.6
\$20,000 - \$24,999	94.7	95.8	95.2	96.2	90.8	92.6	90.4	91.6
\$25,000 - \$29,999	96.5	97.3	96.8	97.4	94.5	96.3	92.3	93.6
\$30,000 - \$34,999	97.3	97.6	97.6	97.9	94.5	94.5	95.5	95.9
\$35,000 - \$39,999	97.3	97.7	97.7	97.9	95.0	96.5	94.2	96.3
\$40,000 - \$49,999	98.5	98.7	98.6	98.7	97.6	98.4	97.2	97.2
\$50,000 - \$59,999	98.3	98.7	98.4	98.8	97.0	97.4	98.0	98.7
\$60,000 - \$74,999	99.4	99.5	99.4	99.5	99.2	99.9	100.0	100.0
\$75,000 +	99.2	99.4	99.3	99.5	99.2	99.2	97.1	97.7
<b>NOVEMBER 97</b>								
TOTAL	93.8	95.0	95.0	95.9	86.6	89.4	86.8	88.6
UNDER \$5,000	77.2	81.8	81.1	84.8	68.2	75.3	71.1	76.4
\$5,000 - \$7,499	82.1	84.9	83.7	85.5	78.0	83.1	71.2	73.6
\$7,500 - \$9,999	87.5	90.5	89.5	92.0	80.4	85.4	79.8	81.7
\$10,000 - \$12,499	90.5	92.4	91.7	93.6	85.8	87.4	86.3	88.5
\$12,500 - \$14,999	90.5	92.4	92.4	93.7	82.1	87.2	85.7	86.7
\$15,000 - \$19,999	92.2	93.9	93.4	94.7	86.1	90.1	87.2	88.8
\$20,000 - \$24,999	95.3	96.1	95.5	96.1	93.3	95.1	89.3	90.2
\$25,000 - \$29,999	95.6	96.7	96.0	97.1	92.0	94.0	92.3	94.4
\$30,000 - \$34,999	97.1	97.9	97.2	98.0	96.4	97.2	92.8	94.8
\$35,000 - \$39,999	97.3	97.8	97.9	98.2	93.4	95.3	95.1	96.2
\$40,000 - \$49,999	98.0	98.4	98.2	98.6	96.0	96.3	96.3	97.7
\$50,000 - \$59,999	98.5	99.0	98.7	99.1	96.4	97.3	98.4	99.5
\$60,000 - \$74,999	98.9	99.1	98.8	99.1	99.9	99.9	95.4	95.4
\$75,000 +	98.7	99.0	98.8	99.0	99.6	99.6	97.2	97.2
<b>1997 ANNUAL AVERAGE</b>								
TOTAL	93.9	95.0	95.0	95.9	86.9	89.5	86.7	88.6
UNDER \$5,000	75.7	80.8	79.1	83.5	68.4	75.1	68.5	73.5
\$5,000 - \$7,499	82.8	85.9	84.5	87.1	78.1	82.4	74.6	77.0
\$7,500 - \$9,999	86.7	89.5	89.0	91.2	78.6	83.3	79.3	81.4
\$10,000 - \$12,499	89.9	91.9	90.9	92.7	85.3	88.1	82.4	86.0
\$12,500 - \$14,999	91.0	93.1	92.4	94.0	83.9	88.1	84.5	86.4
\$15,000 - \$19,999	93.1	94.6	94.1	95.3	88.8	91.8	86.7	88.4
\$20,000 - \$24,999	95.0	95.9	95.4	96.2	92.1	93.9	89.6	90.9
\$25,000 - \$29,999	95.8	96.8	96.2	97.1	92.6	94.7	91.8	93.7
\$30,000 - \$34,999	97.2	97.9	97.5	98.1	95.1	95.9	93.6	94.9
\$35,000 - \$39,999	97.4	97.9	97.9	98.1	94.8	96.2	94.9	96.4
\$40,000 - \$49,999	98.2	98.6	98.4	98.7	97.0	97.8	96.6	97.4
\$50,000 - \$59,999	98.4	98.8	98.5	98.9	96.9	97.3	97.7	98.6
\$60,000 - \$74,999	99.0	99.2	99.0	99.2	99.5	99.8	98.4	98.4
\$75,000 +	99.0	99.2	99.1	99.3	98.5	98.8	98.1	98.3

TABLE 6.5 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>MARCH 98</b>								
TOTAL	94.1	95.1	95.1	96.0	88.1	89.7	88.8	90.2
UNDER \$5,000	75.7	79.5	78.4	82.1	69.2	73.4	74.3	77.1
\$5,000 - \$7,499	82.4	85.3	84.0	87.0	77.7	80.9	77.8	80.0
\$7,500 - \$9,999	88.7	90.3	89.7	91.1	86.4	88.7	82.5	83.9
\$10,000 - \$12,499	90.2	92.2	90.6	92.7	88.1	89.9	81.8	84.2
\$12,500 - \$14,999	91.6	93.7	92.1	94.3	87.0	88.5	87.0	88.1
\$15,000 - \$19,999	93.3	94.4	94.2	95.3	89.3	90.2	92.4	93.9
\$20,000 - \$24,999	94.2	95.6	94.8	96.0	91.7	94.6	88.7	90.3
\$25,000 - \$29,999	96.2	96.9	96.4	97.1	94.3	95.3	92.4	93.9
\$30,000 - \$34,999	96.8	97.3	97.5	98.0	92.0	93.0	96.7	97.6
\$35,000 - \$39,999	97.5	98.1	97.9	98.4	94.3	95.4	95.2	95.7
\$40,000 - \$49,999	98.0	98.3	98.4	98.6	94.7	95.8	96.5	97.5
\$50,000 - \$59,999	98.2	98.4	98.1	98.4	98.5	98.5	92.5	93.7
\$60,000 - \$74,999	98.6	98.9	98.7	99.0	98.2	98.6	99.1	99.1
\$75,000 +	99.1	99.3	99.1	99.3	98.8	98.8	98.6	99.1
<b>JULY 98</b>								
TOTAL	94.1	95.2	95.1	96.0	87.9	90.0	87.4	89.3
UNDER \$5,000	77.7	82.7	80.8	85.3	71.0	77.4	66.4	71.0
\$5,000 - \$7,499	83.5	86.3	85.5	88.3	77.5	80.4	73.2	78.9
\$7,500 - \$9,999	85.9	88.1	87.6	89.7	80.6	82.8	78.8	80.4
\$10,000 - \$12,499	88.8	90.7	90.0	91.5	84.2	87.7	82.8	83.8
\$12,500 - \$14,999	91.3	92.7	92.3	93.4	87.7	90.7	83.8	85.4
\$15,000 - \$19,999	93.1	94.3	94.0	95.2	88.8	89.9	86.5	88.8
\$20,000 - \$24,999	93.2	94.5	94.0	95.1	87.9	90.1	89.0	90.0
\$25,000 - \$29,999	95.2	96.4	95.8	96.6	91.9	95.8	90.9	92.9
\$30,000 - \$34,999	97.3	98.1	97.3	98.0	97.1	98.6	93.8	96.1
\$35,000 - \$39,999	97.7	98.3	97.9	98.4	96.0	96.9	97.7	98.3
\$40,000 - \$49,999	98.1	98.5	98.1	98.6	97.5	97.5	94.9	95.6
\$50,000 - \$59,999	98.5	98.8	98.6	98.9	96.7	97.3	97.3	97.3
\$60,000 - \$74,999	98.8	99.0	98.9	99.1	99.1	99.1	98.2	98.2
\$75,000 +	98.9	99.2	98.9	99.2	99.4	99.4	98.3	98.3

TABLE 6.6 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLD SIZE

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK			
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
NOVEMBER 83								
TOTAL	91.4	93.7	93.1	95.0	78.8	83.9	80.7	84.6
1 PERSON	87.5	91.3	90.2	93.7	71.2	77.1	73.8	82.0
2 - 3	93.3	95.0	94.5	95.9	82.5	87.8	80.7	84.3
4 - 5	92.4	94.2	93.6	95.0	83.1	87.3	83.4	86.2
6 +	86.6	88.9	90.5	92.2	74.5	78.5	81.0	84.0
1984 ANNUAL AVERAGE								
TOTAL	91.6	93.7	93.2	94.9	79.8	84.5	80.9	84.3
1 PERSON	88.3	91.8	90.3	93.4	74.9	80.7	72.9	79.4
2 - 3	93.2	94.9	94.5	95.9	82.3	86.8	82.0	85.2
4 - 5	92.5	94.0	93.9	95.1	81.8	85.7	83.9	86.2
6 +	86.9	88.8	89.8	91.1	76.3	80.1	79.2	81.8
1985 ANNUAL AVERAGE								
TOTAL	91.8	93.9	93.3	95.0	81.1	85.2	81.3	84.4
1 PERSON	87.6	91.2	89.9	93.1	73.6	79.8	71.9	78.5
2 - 3	93.5	95.0	94.5	95.8	84.9	87.9	83.6	86.0
4 - 5	94.2	95.3	95.2	96.1	87.6	90.4	85.6	87.0
6 +	90.3	91.8	92.8	93.6	81.3	84.9	85.6	86.1
1986 ANNUAL AVERAGE								
TOTAL	92.3	94.1	93.7	95.2	81.6	85.9	81.4	84.1
1 PERSON	88.1	91.4	90.4	93.2	75.4	81.0	73.9	79.3
2 - 3	94.0	95.3	95.0	96.1	85.3	88.9	83.1	85.4
4 - 5	94.4	95.3	95.4	96.1	87.9	90.4	85.5	86.7
6 +	90.1	91.5	92.9	93.5	77.8	82.8	83.3	84.1
1987 ANNUAL AVERAGE								
TOTAL	92.4	94.2	93.8	95.4	81.8	85.9	83.0	85.4
1 PERSON	89.5	92.7	91.3	94.1	77.8	83.1	79.5	83.5
2 - 3	93.9	95.3	95.1	96.3	83.9	87.3	83.8	86.3
4 - 5	93.0	94.5	94.3	95.4	83.6	87.4	84.4	86.4
6 +	87.4	89.1	89.8	91.0	77.4	81.5	80.6	81.6
1988 ANNUAL AVERAGE								
TOTAL	92.7	94.5	94.1	95.6	83.0	86.8	82.1	85.1
1 PERSON	88.4	91.7	90.6	93.5	76.4	82.0	74.4	79.5
2 - 3	94.5	95.7	95.4	96.4	86.8	89.7	84.2	86.9
4 - 5	94.9	95.8	95.8	96.5	89.0	90.7	84.4	85.6
6 +	92.8	94.3	93.7	94.9	87.2	90.6	86.1	88.0
1989 ANNUAL AVERAGE								
TOTAL	93.1	94.9	94.5	95.9	83.2	87.1	83.0	86.0
1 PERSON	90.0	93.0	91.9	94.6	79.1	83.8	75.5	81.3
2 - 3	94.5	95.8	95.6	96.7	85.8	89.3	84.3	87.3
4 - 5	94.5	95.5	95.7	96.4	85.7	88.8	86.9	88.5
6 +	90.5	92.0	92.7	93.8	82.4	85.8	84.9	86.5

TABLE 6.6 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLD SIZE

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>1990 ANNUAL AVERAGE</b>								
TOTAL	93.3	95.0	94.6	96.1	83.5	87.0	82.7	85.3
1 PERSON	90.9	93.7	92.5	95.1	80.2	84.8	76.2	80.5
2 - 3	94.7	96.0	95.8	96.9	86.0	89.0	84.2	86.7
4 - 5	93.6	95.0	95.0	96.1	84.0	87.1	84.6	86.8
6 +	87.8	89.6	90.2	91.5	78.5	81.8	80.6	81.8
<b>1991 ANNUAL AVERAGE</b>								
TOTAL	93.4	95.1	94.8	96.2	83.5	87.2	84.1	87.7
1 PERSON	91.1	93.9	92.8	95.3	79.8	84.9	77.7	83.3
2 - 3	94.9	96.2	96.0	97.1	85.8	88.9	86.2	88.4
4 - 5	93.7	95.0	95.1	96.1	84.3	87.4	85.1	87.5
6 +	88.8	90.4	90.5	91.8	81.0	83.9	82.0	83.3
<b>1992 ANNUAL AVERAGE</b>								
TOTAL	93.8	95.3	95.2	96.4	84.2	87.9	85.8	88.2
1 PERSON	91.8	94.1	93.4	95.4	81.4	86.1	81.3	85.4
2 - 3	95.1	96.3	96.2	97.2	86.1	89.2	86.3	88.9
4 - 5	93.9	95.2	95.3	96.2	84.4	88.0	87.4	89.2
6 +	89.9	91.4	91.7	92.7	82.8	85.4	85.7	86.6
<b>1993 ANNUAL AVERAGE</b>								
TOTAL	94.2	95.6	95.5	96.6	85.2	88.3	86.7	88.8
1 PERSON	92.3	94.6	93.9	95.8	82.5	86.8	81.9	86.4
2 - 3	95.3	96.4	96.3	97.2	87.1	89.6	87.3	89.1
4 - 5	94.5	95.6	95.9	96.7	85.7	88.3	88.4	90.2
6 +	89.9	91.5	92.0	93.0	81.2	84.9	85.7	87.1
<b>1994 ANNUAL AVERAGE</b>								
TOTAL	93.8	95.4	95.1	96.4	85.7	89.4	86.0	88.3
1 PERSON	91.8	94.2	93.4	95.4	82.2	86.7	82.1	85.9
2 - 3	95.0	96.2	96.0	97.0	87.9	91.1	86.6	88.9
4 - 5	94.2	95.6	95.5	96.6	86.6	89.9	88.1	89.5
6 +	89.4	91.7	91.3	93.1	82.3	86.9	83.4	85.9
<b>1995 ANNUAL AVERAGE</b>								
TOTAL	93.9	95.2	95.2	96.2	86.2	89.2	85.9	87.8
1 PERSON	91.6	93.4	93.2	94.6	82.1	85.9	80.6	82.7
2 - 3	95.2	96.1	96.2	96.9	88.2	90.7	86.4	88.2
4 - 5	94.5	95.6	95.6	96.5	87.9	90.5	88.0	89.8
6 +	90.4	92.3	92.0	93.6	84.4	87.8	85.2	87.1
<b>MARCH 96</b>								
TOTAL	93.8	94.9	94.9	95.8	87.1	89.5	85.4	87.3
1 PERSON	91.5	93.1	92.7	94.2	84.0	86.2	81.1	84.8
2 - 3	95.2	96.1	96.1	96.7	88.9	91.2	86.6	88.3
4 - 5	94.2	95.1	95.3	95.9	88.0	90.7	85.5	87.0
6 +	89.3	91.2	90.5	92.2	85.0	87.9	86.8	88.4

TABLE 6.6 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLD SIZE

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK			
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
JULY 96								
TOTAL	93.9	95.0	94.9	95.7	87.6	90.0	87.2	88.5
1 PERSON	91.3	92.9	92.4	93.8	84.5	87.3	79.7	81.5
2 - 3	95.2	96.1	96.1	96.8	88.5	91.2	89.0	90.3
4 - 5	94.6	95.5	95.3	96.0	90.2	91.8	88.6	90.1
6 +	90.5	91.3	91.9	92.2	84.4	87.2	85.3	85.8
NOVEMBER 96								
TOTAL	93.9	95.1	95.0	95.9	87.1	90.0	86.5	88.3
1 PERSON	91.6	93.3	92.9	94.5	82.9	86.0	80.7	83.9
2 - 3	95.1	96.1	96.0	96.7	89.2	92.0	86.9	88.2
4 - 5	94.6	95.8	95.4	96.4	88.5	91.4	89.4	91.3
6 +	89.6	90.9	91.0	91.8	84.3	87.4	84.2	85.3
1996 ANNUAL AVERAGE								
TOTAL	93.9	95.0	94.9	95.8	87.3	89.8	86.4	88.0
1 PERSON	91.5	93.1	92.7	94.2	83.8	86.5	80.5	83.4
2 - 3	95.2	96.1	96.1	96.7	88.9	91.5	87.5	88.9
4 - 5	94.5	95.5	95.3	96.1	88.9	91.3	87.8	89.5
6 +	89.8	91.1	91.1	92.1	84.6	87.5	85.4	86.5
MARCH 97								
TOTAL	93.9	95.1	95.0	95.9	87.3	89.9	86.3	88.6
1 PERSON	92.0	93.7	93.1	94.4	85.1	88.4	79.3	84.4
2 - 3	95.0	96.0	95.9	96.7	89.6	91.7	87.6	89.6
4 - 5	94.5	95.5	95.7	96.4	87.2	89.7	88.5	89.7
6 +	89.0	90.8	91.0	92.3	78.7	83.3	85.0	88.1
JULY 97								
TOTAL	93.9	95.0	95.0	95.9	86.9	89.2	87.0	88.6
1 PERSON	91.0	92.8	92.5	94.1	82.5	85.3	82.9	86.0
2 - 3	95.2	96.0	96.1	96.7	89.3	91.1	87.0	88.7
4 - 5	94.9	95.8	95.9	96.6	88.1	90.5	89.2	90.2
6 +	90.9	92.0	92.5	93.1	85.0	87.6	86.5	87.2
NOVEMBER 97								
TOTAL	93.8	95.0	95.0	95.9	86.6	89.4	86.8	88.6
1 PERSON	91.3	92.9	92.9	94.3	82.4	85.2	78.2	80.7
2 - 3	94.9	95.9	95.7	96.5	88.6	91.3	88.2	90.0
4 - 5	95.0	96.0	96.0	96.8	88.3	91.4	89.6	91.1
6 +	91.1	92.3	92.3	93.2	85.4	87.8	85.6	87.4
1997 ANNUAL AVERAGE								
TOTAL	93.9	95.0	95.0	95.9	86.9	89.5	86.7	88.6
1 PERSON	91.4	93.1	92.8	94.3	83.3	86.3	80.1	83.7
2 - 3	95.0	96.0	95.9	96.6	89.2	91.4	87.6	89.4
4 - 5	94.8	95.8	95.9	96.6	87.9	90.5	89.1	90.3
6 +	90.3	91.7	91.9	92.9	83.0	86.2	85.7	87.6

TABLE 6.6 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLD SIZE

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK			
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
MARCH 98								
TOTAL	94.1	95.1	95.1	96.0	88.1	89.7	88.8	90.2
1 PERSON	91.2	92.8	92.9	94.3	82.4	84.7	83.3	85.0
2 - 3	95.5	96.2	96.1	96.7	91.2	92.5	89.5	90.7
4 - 5	95.0	95.7	95.7	96.4	89.7	90.9	90.6	92.2
6 +	91.9	92.7	93.1	93.6	87.8	90.3	88.4	89.2
JULY 98								
TOTAL	94.1	95.2	95.1	96.0	87.9	90.0	87.4	89.3
1 PERSON	91.1	92.7	92.6	93.9	82.4	85.7	79.2	82.0
2 - 3	95.5	96.4	96.4	97.2	89.8	91.7	89.3	91.5
4 - 5	94.8	95.7	95.3	96.1	91.3	92.5	88.5	90.1
6+	91.6	92.7	92.5	93.2	87.2	89.5	88.9	89.2



TABLE 6.7 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLDER'S AGE

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK			
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
NOVEMBER 83								
TOTAL HOUSEHOLDS	91.4	93.7	93.1	95.0	78.8	83.9	80.7	84.6
16-24 YRS OLD	76.6	84.1	80.2	86.2	49.9	68.2	64.9	71.9
25-54 YRS OLD	91.5	93.7	93.4	95.2	78.7	83.3	81.8	85.6
55-59 YRS OLD	95.0	96.1	96.1	97.0	86.3	88.5	89.3	89.3
60-64 YRS OLD	95.5	96.4	96.4	97.2	89.5	90.7	87.3	90.2
65-69 YRS OLD	95.5	96.2	96.5	97.0	87.2	89.0	90.7	90.7
70-99 YRS OLD	95.4	96.5	96.0	97.0	90.1	92.3	85.5	89.1
1984 ANNUAL AVERAGE								
TOTAL HOUSEHOLDS	91.6	93.7	93.2	94.9	79.8	84.5	80.9	84.3
16-24 YRS OLD	77.0	83.6	79.6	85.4	58.2	70.8	60.9	69.2
25-54 YRS OLD	91.7	93.7	93.4	95.1	79.6	84.1	83.1	85.7
55-59 YRS OLD	94.9	96.1	96.1	97.1	86.6	89.2	87.1	90.1
60-64 YRS OLD	94.9	96.0	96.0	97.0	86.6	88.8	87.1	89.1
65-69 YRS OLD	96.2	96.8	97.1	97.6	87.9	89.9	90.2	91.5
70-99 YRS OLD	95.3	96.5	96.0	97.1	88.2	90.9	84.4	87.6
1985 ANNUAL AVERAGE								
TOTAL HOUSEHOLDS	91.8	93.9	93.3	95.0	81.1	85.2	81.3	84.4
16-24 YRS OLD	77.9	83.8	80.3	85.8	60.0	69.4	64.8	70.8
25-54 YRS OLD	91.9	93.9	93.5	95.2	80.7	85.0	82.5	85.2
55-59 YRS OLD	94.9	96.0	95.8	96.8	87.8	90.0	87.4	89.2
60-64 YRS OLD	94.9	95.9	95.8	96.5	88.4	90.2	89.7	91.3
65-69 YRS OLD	95.9	96.8	96.8	97.5	88.2	90.9	89.1	91.7
70-99 YRS OLD	95.5	96.6	96.2	97.3	89.1	90.7	87.6	90.9
1986 ANNUAL AVERAGE								
TOTAL HOUSEHOLDS	92.3	94.1	93.7	95.2	81.6	85.9	81.4	84.1
16-24 YRS OLD	79.0	84.4	81.5	85.9	59.8	72.2	63.4	67.4
25-54 YRS OLD	92.2	94.0	93.8	95.3	81.1	85.2	82.9	85.5
55-59 YRS OLD	95.2	96.3	96.1	97.0	88.0	91.3	87.6	90.4
60-64 YRS OLD	95.4	96.2	96.2	97.0	88.9	90.4	89.1	90.3
65-69 YRS OLD	95.8	96.7	96.7	97.4	88.4	90.6	90.4	91.9
70-99 YRS OLD	96.0	97.0	96.5	97.4	91.3	92.9	87.5	89.8
1987 ANNUAL AVERAGE								
TOTAL HOUSEHOLDS	92.4	94.2	93.8	95.4	81.8	85.9	83.0	85.4
16-24 YRS OLD	78.9	84.4	81.4	86.1	61.8	72.3	65.2	70.8
25-54 YRS OLD	92.3	94.2	93.9	95.4	81.4	85.5	84.4	86.5
55-59 YRS OLD	95.2	96.2	96.4	97.2	87.0	89.6	89.1	90.7
60-64 YRS OLD	95.7	96.4	96.6	97.3	88.0	90.2	90.9	92.0
65-69 YRS OLD	95.9	96.7	97.0	97.5	87.1	89.3	88.8	88.8
70-99 YRS OLD	96.0	97.0	96.5	97.5	91.9	93.0	91.6	93.1
1988 ANNUAL AVERAGE								
TOTAL HOUSEHOLDS	92.7	94.5	94.1	95.6	83.0	86.8	82.1	85.1
16-24 YRS OLD	80.2	85.1	82.3	86.8	65.6	73.5	64.0	70.9
25-54 YRS OLD	92.6	94.4	94.1	95.6	82.2	86.3	83.5	86.1
55-59 YRS OLD	95.1	96.4	96.1	97.2	88.3	91.0	88.5	89.9
60-64 YRS OLD	95.3	96.2	96.3	97.0	87.6	89.9	87.3	90.0
65-69 YRS OLD	96.4	97.1	97.2	97.7	89.6	92.0	89.6	91.2
70-99 YRS OLD	96.2	97.5	96.7	97.9	92.3	93.9	92.2	94.3

TABLE 6.7 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLDER'S AGE

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK			
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
1989 ANNUAL AVERAGE								
TOTAL HOUSEHOLDS	93.1	94.9	94.5	95.9	83.2	87.1	83.0	86.0
16-24 YRS OLD	80.5	85.9	82.9	87.7	65.3	75.2	64.8	72.3
25-54 YRS OLD	92.7	94.6	94.3	95.8	82.2	86.4	83.6	86.5
55-59 YRS OLD	95.4	96.5	96.4	97.4	88.7	90.7	90.1	91.2
60-64 YRS OLD	95.7	96.7	96.6	97.3	89.2	91.6	89.8	90.0
65-69 YRS OLD	96.3	97.0	97.1	97.7	90.3	91.9	88.8	91.0
70-99 YRS OLD	96.4	97.4	97.1	97.9	91.1	92.6	89.8	92.0
1990 ANNUAL AVERAGE								
TOTAL HOUSEHOLDS	93.3	95.0	94.6	96.1	83.5	87.0	82.7	85.3
16-24 YRS OLD	81.2	86.5	83.6	88.2	66.4	75.3	67.8	73.5
25-54 YRS OLD	92.6	94.5	94.1	95.7	82.4	86.1	82.0	84.6
55-59 YRS OLD	95.4	96.4	96.5	97.4	87.3	89.6	89.9	90.7
60-64 YRS OLD	96.2	96.9	97.1	97.6	89.7	91.6	90.6	91.1
65-69 YRS OLD	96.3	97.1	97.0	97.8	90.7	91.7	90.7	92.5
70-99 YRS OLD	96.9	97.8	97.4	98.3	91.9	93.3	93.2	94.1
1991 ANNUAL AVERAGE								
TOTAL HOUSEHOLDS	93.4	95.1	94.8	96.2	83.5	87.2	84.1	86.7
16-24 YRS OLD	81.0	86.1	83.4	88.0	65.7	74.5	68.5	73.9
25-54 YRS OLD	92.7	94.6	94.3	95.8	82.3	86.3	84.1	86.7
55-59 YRS OLD	95.5	96.7	96.5	97.5	88.0	90.9	89.8	90.5
60-64 YRS OLD	95.9	96.9	96.9	97.6	88.5	90.8	88.3	90.4
65-69 YRS OLD	96.7	97.5	97.5	98.2	89.8	91.8	92.9	94.0
70-99 YRS OLD	97.3	98.1	97.8	98.6	92.8	93.5	92.1	94.0
1992 ANNUAL AVERAGE								
TOTAL HOUSEHOLDS	93.8	95.3	95.2	96.4	84.2	87.9	85.8	88.2
15-24 YRS OLD	82.0	87.4	85.0	89.6	64.2	74.1	72.8	80.4
25-54 YRS OLD	93.1	94.8	94.6	95.9	82.9	87.0	85.5	87.7
55-59 YRS OLD	96.0	96.8	97.0	97.5	89.6	91.9	91.5	92.3
60-64 YRS OLD	96.3	97.1	97.0	97.7	91.2	92.6	89.3	91.2
65-69 YRS OLD	96.6	97.3	97.5	98.0	89.8	92.0	92.0	92.4
70-99 YRS OLD	97.5	98.0	98.0	98.5	93.1	94.0	94.2	95.0
1993 ANNUAL AVERAGE								
TOTAL HOUSEHOLDS	94.2	95.6	95.5	96.6	85.2	88.3	86.7	88.8
15-24 YRS OLD	83.3	87.3	85.7	89.2	70.1	77.3	71.8	76.3
25-54 YRS OLD	93.5	95.1	95.0	96.3	83.5	87.0	86.4	88.7
55-59 YRS OLD	95.9	96.8	96.7	97.5	90.0	92.2	91.3	92.1
60-64 YRS OLD	97.0	97.6	97.7	98.3	91.9	93.3	92.5	93.7
65-69 YRS OLD	97.0	97.6	97.5	98.1	92.8	93.5	92.9	93.9
70-99 YRS OLD	97.6	98.2	98.0	98.6	93.2	94.1	94.7	95.4
1994 ANNUAL AVERAGE								
TOTAL HOUSEHOLDS	93.8	95.4	95.1	96.4	85.7	89.4	86.0	88.3
15-24 YRS OLD	84.3	89.2	86.1	90.4	74.0	83.0	71.8	77.1
25-54 YRS OLD	93.3	95.0	94.7	96.0	84.8	88.7	86.1	88.4
55-59 YRS OLD	95.6	96.6	96.3	97.2	90.7	92.9	89.4	91.1
60-64 YRS OLD	96.3	97.2	97.1	97.9	90.1	91.9	91.8	92.4
65-69 YRS OLD	96.7	97.3	97.3	97.8	91.8	93.2	93.3	93.5
70-99 YRS OLD	96.7	97.6	97.2	98.1	91.7	93.1	92.3	93.7

TABLE 6.7 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLDER'S AGE

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>1995 ANNUAL AVERAGE</b>								
TOTAL HOUSEHOLDS	93.9	95.2	95.2	96.2	86.2	89.2	85.9	87.8
15-24 YRS OLD	84.6	88.5	87.0	90.2	73.2	80.6	74.8	78.0
25-54 YRS OLD	93.6	94.9	95.0	96.0	85.4	88.5	86.1	88.0
55-59 YRS OLD	95.7	96.4	96.2	96.8	92.5	93.9	88.6	90.0
60-64 YRS OLD	95.8	96.5	96.3	96.9	91.7	93.4	90.0	90.9
65-69 YRS OLD	96.4	96.8	96.9	97.4	92.2	93.1	91.2	92.6
70-99 YRS OLD	96.4	97.1	97.0	97.5	91.4	92.8	90.4	92.1
<b>MARCH 96</b>								
TOTAL HOUSEHOLDS	93.8	94.9	94.9	95.8	87.1	89.5	85.4	87.3
15-24 YRS OLD	84.4	87.8	86.3	89.1	73.8	79.8	72.0	76.3
25-54 YRS OLD	93.5	94.7	94.6	95.6	86.5	89.2	86.1	87.8
55-59 YRS OLD	96.0	96.6	96.6	97.2	93.0	93.8	90.1	90.7
60-64 YRS OLD	96.9	97.1	97.7	97.9	90.9	91.2	90.5	90.5
65-69 YRS OLD	95.0	95.6	95.7	96.3	90.9	91.8	90.3	91.9
70-99 YRS OLD	96.2	96.8	96.5	97.1	92.9	93.7	87.5	90.7
<b>JULY 96</b>								
TOTAL HOUSEHOLDS	93.9	95.0	94.9	95.7	87.6	90.0	87.2	88.5
15-24 YRS OLD	84.9	88.2	86.6	89.4	74.9	80.9	73.0	75.3
25-54 YRS OLD	93.6	94.8	94.7	95.6	86.8	89.5	87.9	89.4
55-59 YRS OLD	96.0	96.6	96.4	96.9	92.5	93.9	93.4	93.4
60-64 YRS OLD	94.7	95.6	95.1	95.8	92.9	94.4	88.5	89.5
65-69 YRS OLD	96.0	96.6	96.5	96.9	93.5	94.4	86.0	87.0
70-99 YRS OLD	96.3	96.8	96.7	97.2	92.8	93.1	93.0	93.0
<b>NOVEMBER 96</b>								
TOTAL HOUSEHOLDS	93.9	95.1	95.0	95.9	87.1	90.0	86.5	88.3
15-24 YRS OLD	85.5	89.1	87.5	90.2	74.9	82.9	73.8	77.5
25-54 YRS OLD	93.4	94.8	94.6	95.7	86.4	89.4	87.4	89.3
55-59 YRS OLD	95.0	95.6	95.9	96.3	87.5	89.9	87.3	88.1
60-64 YRS OLD	95.6	96.0	96.2	96.6	92.1	93.3	85.6	86.4
65-69 YRS OLD	96.4	96.7	96.9	97.2	93.0	93.7	92.3	92.3
70-99 YRS OLD	97.0	97.5	97.2	97.7	94.9	96.0	92.2	93.2
<b>1996 ANNUAL AVERAGE</b>								
TOTAL HOUSEHOLDS	93.9	95.0	94.9	95.8	87.3	89.8	86.4	88.0
15-24 YRS OLD	84.9	88.4	86.8	89.6	74.5	81.2	72.9	76.4
25-54 YRS OLD	93.5	94.8	94.6	95.6	86.6	89.4	87.1	88.8
55-59 YRS OLD	95.7	96.3	96.3	96.8	91.0	92.5	90.3	90.7
60-64 YRS OLD	95.7	96.2	96.3	96.8	92.0	93.0	88.2	88.8
65-69 YRS OLD	95.8	96.3	96.4	96.8	92.5	93.3	89.5	90.4
70-99 YRS OLD	96.5	97.0	96.8	97.3	93.5	94.3	90.9	92.3
<b>MARCH 97</b>								
TOTAL HOUSEHOLDS	93.9	95.1	95.0	95.9	87.3	89.9	86.3	88.6
15-24 YRS OLD	85.0	89.0	86.2	89.8	77.3	83.9	72.9	77.8
25-54 YRS OLD	93.5	94.8	94.7	95.8	86.1	89.1	86.9	89.1
55-59 YRS OLD	95.6	96.2	96.7	97.2	89.9	91.7	89.5	93.8
60-64 YRS OLD	96.6	97.0	97.1	97.4	93.2	93.7	92.6	92.6
65-69 YRS OLD	96.2	96.7	96.8	97.2	92.2	93.3	95.1	97.1
70-99 YRS OLD	96.2	96.7	96.3	96.9	95.2	95.4	85.7	86.2

TABLE 6.7 - PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLDER'S AGE

	RACE						HISPANIC ORIGIN	
	TOTAL Unit	Avail	WHITE Unit	Avail	BLACK Unit	Avail	Unit	Avail
<b>JULY 97</b>								
TOTAL HOUSEHOLDS	93.9	95.0	95.0	95.9	86.9	89.2	87.0	88.6
15-24 YRS OLD	84.1	87.8	86.1	89.6	72.2	78.0	76.2	80.4
25-54 YRS OLD	93.8	94.9	94.9	95.8	86.6	89.1	87.3	88.8
55-59 YRS OLD	95.9	96.7	96.6	97.1	92.4	94.1	92.1	92.8
60-64 YRS OLD	95.6	96.2	96.2	96.8	91.0	91.5	90.4	91.7
65-69 YRS OLD	95.7	96.1	96.4	96.8	91.5	92.3	84.1	84.8
70-99 YRS OLD	96.0	96.5	96.6	97.0	91.9	92.0	93.7	94.6
<b>NOVEMBER 97</b>								
TOTAL HOUSEHOLDS	93.8	95.0	95.0	95.9	86.6	89.4	86.8	88.6
15-24 YRS OLD	85.7	89.6	87.8	91.0	75.1	83.0	75.9	79.9
25-54 YRS OLD	93.4	94.6	94.6	95.6	86.3	88.9	87.2	88.9
55-59 YRS OLD	94.6	95.3	95.9	96.5	85.4	86.7	88.7	89.9
60-64 YRS OLD	95.9	96.4	96.5	96.9	92.0	93.0	88.7	89.2
65-69 YRS OLD	96.7	97.3	97.0	97.4	94.2	95.8	93.4	95.3
70-99 YRS OLD	96.4	97.0	96.8	97.3	91.9	93.6	91.5	93.2
<b>1997 ANNUAL AVERAGE</b>								
TOTAL HOUSEHOLDS	93.9	95.0	95.0	95.9	86.9	89.5	86.7	88.6
16-24 YRS OLD	84.9	88.8	86.7	90.1	74.9	81.6	75.0	79.4
25-54 YRS OLD	93.6	94.8	94.7	95.7	86.3	89.0	87.1	88.9
55-59 YRS OLD	95.4	96.1	96.4	96.9	89.2	90.8	90.1	92.2
60-64 YRS OLD	96.0	96.5	96.6	97.0	92.1	92.7	90.6	91.2
65-69 YRS OLD	96.2	96.7	96.7	97.1	92.6	93.8	90.9	92.4
70-99 YRS OLD	96.2	96.7	96.6	97.1	93.0	93.7	90.3	91.3
<b>MARCH 98</b>								
TOTAL HOUSEHOLDS	94.1	95.1	95.1	96.0	88.1	89.7	88.8	90.2
15-24 YRS OLD	86.8	89.4	88.2	90.6	80.7	84.1	81.9	84.8
25-54 YRS OLD	93.8	94.8	94.8	95.7	87.2	89.0	88.8	90.0
55-59 YRS OLD	95.8	96.4	96.2	96.9	93.5	93.6	90.4	92.9
60-64 YRS OLD	95.7	96.3	96.5	97.1	90.9	92.0	90.6	92.7
65-69 YRS OLD	96.3	96.8	97.0	97.6	90.3	90.3	99.9	100.0
70-99 YRS OLD	96.2	96.8	96.6	97.1	93.8	94.9	90.6	91.3
<b>JULY 98</b>								
TOTAL HOUSEHOLDS	94.1	95.2	95.1	96.0	87.9	90.0	87.4	89.3
15-24 YRS OLD	87.0	90.4	88.6	91.8	77.9	82.8	78.9	83.3
25-54 YRS OLD	93.7	94.9	94.7	95.7	87.4	89.7	87.5	89.3
55-59 YRS OLD	95.4	96.2	96.3	96.9	89.8	91.7	92.1	93.4
60-64 YRS OLD	95.8	96.3	96.5	96.9	92.8	93.5	90.8	92.5
65-69 YRS OLD	95.6	95.9	96.1	96.5	92.0	92.4	89.8	91.8
70-99 YRS OLD	96.4	96.8	96.8	97.1	92.7	93.6	89.9	89.9

TABLE 6.8 - PERCENTAGE OF ADULTS WITH A TELEPHONE BY LABOR FORCE STATUS

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK			
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
NOVEMBER 83								
TOTAL CNP	92.8	94.5	94.1	95.6	82.7	86.6	83.4	86.5
EMPLOYED	94.1	95.9	95.0	96.6	85.7	89.8	86.3	89.6
UNEMPLOYED	82.5	86.5	84.8	88.1	74.6	81.2	76.6	79.9
NOT IN LABOR FORCE	92.1	93.4	93.8	94.9	80.8	83.7	80.4	83.0
1984 ANNUAL AVERAGE								
TOTAL CNP	92.8	94.5	94.1	95.5	82.9	86.7	83.0	85.6
EMPLOYED	94.0	95.7	95.0	96.4	85.9	89.8	85.7	88.3
UNEMPLOYED	81.7	85.3	84.0	87.0	74.7	80.2	74.0	77.4
NOT IN LABOR FORCE	92.1	93.5	93.8	95.0	80.7	83.9	80.3	82.8
1985 ANNUAL AVERAGE								
TOTAL CNP	93.0	94.6	94.2	95.6	84.1	87.4	83.5	85.8
EMPLOYED	94.2	95.8	95.0	96.5	87.3	90.4	85.1	87.5
UNEMPLOYED	82.3	85.8	84.2	87.3	76.3	81.1	73.8	76.9
NOT IN LABOR FORCE	92.2	93.6	93.8	94.9	81.5	84.5	82.6	84.6
1986 ANNUAL AVERAGE								
TOTAL CNP	93.4	94.8	94.6	95.8	84.6	88.1	83.3	85.4
EMPLOYED	94.7	96.1	95.5	96.6	87.7	91.1	85.3	87.4
UNEMPLOYED	82.3	86.0	84.5	87.6	74.8	80.7	75.3	78.2
NOT IN LABOR FORCE	92.6	93.9	94.1	95.1	82.3	85.4	81.4	83.4
1987 ANNUAL AVERAGE								
TOTAL CNP	93.5	94.9	94.7	95.9	84.7	88.1	84.5	86.4
EMPLOYED	94.6	96.1	95.4	96.7	87.9	91.0	86.3	88.3
UNEMPLOYED	82.7	86.1	85.3	88.2	74.0	79.3	77.0	79.6
NOT IN LABOR FORCE	92.7	93.9	94.2	95.2	82.2	85.5	82.5	84.1
1988 ANNUAL AVERAGE								
TOTAL CNP	93.8	95.2	94.9	96.1	85.6	88.7	83.6	86.1
EMPLOYED	94.9	96.2	95.6	96.8	88.5	91.5	85.4	87.7
UNEMPLOYED	83.3	86.8	85.9	88.9	75.4	80.5	76.7	80.3
NOT IN LABOR FORCE	92.8	94.2	94.3	95.5	83.1	86.0	81.5	84.0
1989 ANNUAL AVERAGE								
TOTAL CNP	94.1	95.5	95.3	96.4	85.8	89.0	84.7	87.0
EMPLOYED	95.2	96.5	96.0	97.1	88.8	91.7	86.6	89.0
UNEMPLOYED	83.9	87.1	86.2	88.8	77.0	82.5	75.1	78.6
NOT IN LABOR FORCE	93.1	94.4	94.7	95.7	82.8	85.9	82.6	84.6
1990 ANNUAL AVERAGE								
TOTAL CNP	94.2	95.5	95.3	96.5	86.1	88.8	84.5	86.6
EMPLOYED	95.3	96.6	96.0	97.2	89.4	91.8	86.3	88.4
UNEMPLOYED	85.0	88.0	87.9	90.4	75.3	80.0	77.0	80.4
NOT IN LABOR FORCE	93.0	94.3	94.6	95.6	83.2	85.8	82.4	84.1

TABLE 6.8 - PERCENTAGE OF ADULTS WITH A TELEPHONE BY LABOR FORCE STATUS

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>1991 ANNUAL AVERAGE</b>								
TOTAL CNP	94.3	95.7	95.5	96.6	86.3	89.1	85.5	87.7
EMPLOYED	95.6	96.8	96.3	97.3	89.8	92.4	87.5	89.6
UNEMPLOYED	86.4	89.5	88.3	91.0	78.9	84.1	78.2	81.6
NOT IN LABOR FORCE	93.1	94.4	94.7	95.8	82.6	85.3	83.5	85.4
<b>1992 ANNUAL AVERAGE</b>								
TOTAL CNP	94.7	95.9	95.8	96.8	86.9	89.8	87.8	89.7
EMPLOYED	95.8	97.0	96.5	97.5	90.1	92.8	89.5	91.6
UNEMPLOYED	88.1	90.3	90.0	91.8	81.2	85.0	83.4	85.8
NOT IN LABOR FORCE	93.6	94.8	95.2	96.1	83.6	86.5	85.8	87.4
<b>1993 ANNUAL AVERAGE</b>								
TOTAL CNP	95.0	96.1	96.0	97.0	87.5	90.0	88.2	89.9
EMPLOYED	96.1	97.1	96.8	97.6	90.6	92.8	89.7	91.5
UNEMPLOYED	88.6	90.6	90.7	92.3	80.9	84.7	85.0	87.1
NOT IN LABOR FORCE	93.8	94.9	95.3	96.2	84.5	87.0	86.1	87.6
<b>1994 ANNUAL AVERAGE</b>								
TOTAL CNP	94.5	95.9	95.6	96.7	87.9	91.0	87.3	89.2
EMPLOYED	95.6	96.8	96.3	97.3	90.4	93.2	88.5	90.4
UNEMPLOYED	87.8	90.8	89.8	92.2	81.1	86.7	84.1	86.5
NOT IN LABOR FORCE	93.4	94.8	94.8	95.9	85.4	88.5	85.7	87.6
<b>1995 ANNUAL AVERAGE</b>								
TOTAL CNP	95.0	96.1	95.9	96.8	89.1	91.4	88.0	89.6
EMPLOYED	95.8	96.7	96.5	97.2	91.2	93.2	88.9	90.4
UNEMPLOYED	88.8	91.7	90.8	93.1	82.3	87.4	84.4	87.2
NOT IN LABOR FORCE	93.4	94.4	94.8	95.7	84.9	87.3	86.0	87.7
<b>MARCH 96</b>								
TOTAL CNP	94.8	95.7	95.6	96.3	89.7	91.6	87.6	89.0
EMPLOYED	95.6	96.4	96.2	96.9	91.3	92.7	89.1	90.4
UNEMPLOYED	88.7	90.9	89.8	91.4	85.6	89.9	81.0	83.1
NOT IN LABOR FORCE	93.2	94.2	94.5	95.2	86.6	88.7	85.3	86.7
<b>JULY 96</b>								
TOTAL CNP	95.0	95.9	95.7	96.4	90.0	92.0	89.2	90.3
EMPLOYED	95.7	96.5	96.3	96.9	91.7	93.4	90.1	91.2
UNEMPLOYED	89.2	91.6	90.7	92.6	85.4	89.0	86.6	88.5
NOT IN LABOR FORCE	93.4	94.3	94.5	95.2	86.4	88.7	86.9	87.8
<b>NOVEMBER 96</b>								
TOTAL CNP	94.9	95.8	95.6	96.4	89.5	91.9	88.4	89.8
EMPLOYED	95.6	96.4	96.1	96.9	91.1	93.0	89.6	90.8
UNEMPLOYED	88.4	91.2	89.8	91.7	84.1	89.7	86.1	88.0
NOT IN LABOR FORCE	93.5	94.6	94.6	95.4	86.2	89.1	84.7	86.6

TABLE 6.8 - PERCENTAGE OF ADULTS WITH A TELEPHONE BY LABOR FORCE STATUS

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>1996 ANNUAL AVERAGE</b>								
TOTAL CNP	94.9	95.8	95.6	96.4	89.7	91.8	88.4	89.7
EMPLOYED	95.6	96.4	96.2	96.9	91.4	93.0	89.6	90.8
UNEMPLOYED	88.8	91.1	90.1	91.9	85.0	89.5	84.6	86.5
NOT IN LABOR FORCE	93.4	94.4	94.5	95.3	86.4	88.8	85.6	87.0
<b>MARCH 97</b>								
TOTAL CNP	94.8	95.8	95.7	96.5	89.1	91.4	88.5	90.3
EMPLOYED	95.5	96.4	96.2	96.9	90.6	92.5	89.5	91.3
UNEMPLOYED	88.2	91.1	89.9	91.7	82.8	89.3	84.3	86.6
NOT IN LABOR FORCE	93.4	94.5	94.6	95.5	86.9	88.8	86.0	87.7
<b>JULY 97</b>								
TOTAL CNP	95.1	95.9	95.8	96.5	89.9	91.7	88.6	90.0
EMPLOYED	95.8	96.6	96.4	97.0	91.9	93.3	89.7	91.0
UNEMPLOYED	88.3	90.7	90.1	92.1	82.7	86.5	80.7	82.9
NOT IN LABOR FORCE	93.4	94.3	94.8	95.5	86.2	88.2	87.0	88.3
<b>NOVEMBER 97</b>								
TOTAL CNP	94.8	95.8	95.6	96.4	88.9	91.3	88.7	90.3
EMPLOYED	95.4	96.4	96.1	96.9	90.7	92.8	89.4	91.0
UNEMPLOYED	86.8	89.5	89.1	90.4	79.1	85.6	82.2	83.5
NOT IN LABOR FORCE	93.7	94.5	94.9	95.6	86.2	88.3	87.8	89.2
<b>1997 ANNUAL AVERAGE</b>								
TOTAL CNP	94.9	95.8	95.7	96.5	89.3	91.5	88.6	90.2
EMPLOYED	95.6	96.5	96.2	96.9	91.1	92.9	89.5	91.1
UNEMPLOYED	87.8	90.4	89.7	91.4	81.5	87.1	82.4	84.3
NOT IN LABOR FORCE	93.5	94.4	94.8	95.5	86.4	88.4	86.9	88.4
<b>MARCH 98</b>								
TOTAL CNP	95.1	95.9	95.7	96.5	90.5	91.8	90.1	91.4
EMPLOYED	95.7	96.4	96.2	96.8	92.0	93.2	90.6	91.9
UNEMPLOYED	88.3	90.5	90.6	92.6	80.9	83.9	84.8	88.2
NOT IN LABOR FORCE	94.0	94.7	95.0	95.6	88.4	89.5	89.7	90.6
<b>JULY 1998</b>								
TOTAL CNP	95.1	96.0	95.7	96.5	90.9	92.5	89.4	91.0
EMPLOYED	95.6	96.5	96.0	96.8	92.3	93.8	90.0	91.4
UNEMPLOYED	90.7	92.5	92.4	93.9	86.0	88.6	85.9	88.9
NOT IN LABOR FORCE	94.1	94.9	95.1	95.8	87.8	89.6	88.1	89.8

TABLE 6.9 - PERCENTAGE OF HOUSEHOLDS WITH TELEPHONE SERVICE IN MARCH

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
ALABAMA														
\$9,999 or less	77.4%	77.8%	76.7%	72.8%	75.8%	81.4%	79.6%	81.8%	79.1%	85.2%	83.1%	79.9%	81.9%	78.0%
\$10,000 - \$19,999	91.2%	85.1%	89.9%	91.3%	89.1%	88.9%	85.0%	89.0%	93.2%	93.4%	92.7%	95.6%	95.6%	92.5%
\$20,000 - \$29,999	91.0%	96.6%	96.2%	92.2%	94.1%	97.6%	94.9%	95.5%	95.0%	96.3%	94.1%	96.1%	97.3%	95.7%
\$30,000 - \$39,999	100.0%	99.2%	100.0%	97.0%	100.0%	98.6%	98.6%	96.9%	99.0%	95.5%	96.1%	100.0%	92.9%	100.0%
\$40,000 or more	98.3%	100.0%	99.4%	99.1%	99.0%	100.0%	99.1%	98.3%	97.6%	99.1%	94.4%	98.7%	97.2%	97.5%
All Households	89.0%	88.5%	89.3%	87.4%	88.6%	90.8%	88.6%	90.2%	90.5%	92.7%	90.8%	92.5%	91.8%	91.3%
ALASKA														
\$9,999 or less	61.5%	69.3%	62.8%	73.5%	69.8%	59.9%	71.7%	66.1%	81.5%	63.8%	72.0%	76.1%	82.9%	74.1%
\$10,000 - \$19,999	80.2%	83.6%	74.2%	74.0%	78.8%	76.2%	83.3%	84.4%	83.9%	88.4%	82.2%	95.0%	95.0%	91.5%
\$20,000 - \$29,999	90.9%	90.7%	93.2%	88.1%	89.8%	86.5%	91.1%	90.9%	90.8%	90.5%	94.9%	95.0%	96.7%	94.9%
\$30,000 - \$39,999	92.3%	95.3%	94.5%	97.8%	91.4%	93.3%	96.4%	96.1%	94.3%	91.9%	100.0%	94.9%	100.0%	100.0%
\$40,000 or more	96.0%	95.7%	96.7%	99.7%	98.1%	96.8%	98.5%	98.7%	97.2%	99.1%	98.9%	99.7%	96.3%	99.1%
All Households	85.9%	89.4%	88.5%	88.5%	87.5%	84.2%	89.9%	89.7%	90.9%	90.0%	91.6%	94.0%	95.4%	94.3%
ARIZONA														
\$9,999 or less	73.6%	69.4%	82.9%	76.6%	80.4%	73.6%	74.6%	83.5%	84.2%	79.3%	87.5%	81.9%	86.9%	82.4%
\$10,000 - \$19,999	91.7%	90.0%	84.2%	83.5%	85.2%	87.9%	91.5%	93.0%	90.7%	94.6%	91.9%	91.3%	88.4%	86.8%
\$20,000 - \$29,999	94.1%	88.9%	94.5%	92.3%	92.5%	95.7%	92.6%	94.2%	97.0%	98.2%	94.3%	94.3%	98.0%	96.4%
\$30,000 - \$39,999	97.3%	92.5%	97.2%	93.5%	98.9%	98.1%	98.2%	99.0%	97.7%	97.2%	96.5%	98.7%	99.1%	95.2%
\$40,000 or more	99.6%	97.7%	95.4%	97.0%	97.3%	98.4%	99.5%	100.0%	99.1%	98.9%	100.0%	96.9%	98.1%	95.7%
All Households	90.0%	86.6%	90.3%	88.4%	90.7%	90.6%	91.2%	93.5%	93.6%	93.3%	93.7%	92.0%	93.0%	90.3%
ARKANSAS														
\$9,999 or less	78.3%	74.4%	77.0%	74.9%	69.6%	72.3%	75.6%	77.4%	75.7%	80.2%	81.7%	80.8%	72.4%	78.8%
\$10,000 - \$19,999	85.7%	88.9%	81.6%	85.0%	81.8%	80.4%	91.4%	87.3%	88.0%	86.0%	89.7%	88.5%	86.9%	87.7%
\$20,000 - \$29,999	95.1%	91.5%	94.9%	98.6%	94.3%	92.0%	91.9%	93.0%	91.4%	94.1%	95.5%	94.0%	90.7%	94.2%
\$30,000 - \$39,999	96.5%	91.7%	97.2%	95.5%	99.0%	100.0%	98.3%	100.0%	97.9%	97.6%	97.0%	96.3%	96.7%	96.7%
\$40,000 or more	98.4%	100.0%	96.8%	97.6%	93.7%	98.9%	96.5%	97.6%	97.1%	98.8%	98.1%	97.1%	97.8%	98.7%
All Households	87.2%	85.7%	85.9%	87.1%	83.8%	84.3%	88.3%	88.1%	87.2%	88.7%	90.1%	89.3%	86.1%	88.7%
CALIFORNIA														
\$9,999 or less	82.9%	80.3%	82.3%	84.5%	86.9%	85.9%	84.3%	87.5%	85.9%	87.7%	89.0%	87.7%	87.0%	87.7%
\$10,000 - \$19,999	90.5%	90.6%	92.3%	91.1%	93.6%	94.7%	93.9%	92.9%	94.3%	94.1%	93.0%	95.0%	94.1%	91.6%
\$20,000 - \$29,999	95.5%	95.4%	93.6%	95.8%	95.4%	94.8%	96.7%	96.3%	96.6%	96.1%	95.6%	95.1%	97.0%	96.0%
\$30,000 - \$39,999	97.7%	96.6%	97.3%	98.1%	97.2%	98.5%	97.7%	98.6%	98.6%	98.4%	97.3%	97.9%	97.2%	97.3%
\$40,000 or more	98.1%	99.1%	99.0%	99.1%	98.5%	99.2%	98.2%	99.1%	98.8%	99.3%	98.9%	99.1%	98.3%	97.8%
All Households	92.6%	92.6%	93.3%	94.1%	94.7%	95.0%	94.7%	95.1%	95.0%	95.2%	94.8%	95.0%	94.6%	94.0%
COLORADO														
\$9,999 or less	86.9%	93.0%	85.9%	85.2%	82.8%	90.0%	86.1%	80.3%	86.9%	90.7%	91.6%	86.0%	87.4%	88.0%
\$10,000 - \$19,999	90.4%	93.1%	94.2%	90.4%	93.9%	96.6%	97.1%	93.0%	94.5%	95.5%	94.7%	96.9%	94.7%	96.9%
\$20,000 - \$29,999	97.8%	98.0%	96.3%	95.1%	98.4%	97.5%	95.1%	98.9%	96.0%	97.5%	95.8%	99.2%	99.0%	97.9%
\$30,000 - \$39,999	98.6%	99.3%	98.4%	97.0%	100.0%	100.0%	99.1%	99.0%	100.0%	100.0%	98.3%	99.3%	99.1%	99.1%
\$40,000 or more	99.6%	97.6%	97.6%	97.5%	100.0%	99.1%	99.0%	100.0%	100.0%	99.3%	97.8%	98.2%	98.5%	98.8%
All Households	94.6%	96.2%	94.8%	93.0%	94.9%	96.2%	94.8%	94.0%	95.4%	96.5%	95.6%	96.3%	96.2%	96.5%

\* Current dollar equivalents are at the end of Table 6.9



TABLE 6.9 - PERCENTAGE OF HOUSEHOLDS WITH TELEPHONE SERVICE IN MARCH

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
CONNECTICUT														
\$9,999 or less	80.5%	71.4%	91.7%	92.5%	91.4%	86.9%	88.6%	85.6%	85.5%	89.1%	88.7%	87.3%	96.6%	85.9%
\$10,000 - \$19,999	93.5%	94.8%	97.2%	95.6%	91.0%	98.0%	95.8%	98.2%	95.7%	97.0%	91.3%	95.9%	96.9%	95.2%
\$20,000 - \$29,999	97.0%	99.0%	97.6%	97.8%	96.0%	98.3%	100.0%	98.3%	100.0%	98.2%	99.3%	100.0%	99.3%	98.5%
\$30,000 - \$39,999	99.0%	100.0%	98.6%	100.0%	100.0%	100.0%	97.7%	100.0%	98.9%	100.0%	98.7%	100.0%	98.6%	100.0%
\$40,000 or more	99.3%	99.4%	100.0%	100.0%	99.5%	99.4%	99.3%	100.0%	99.5%	100.0%	100.0%	98.9%	99.4%	98.3%
All Households	94.7%	94.1%	97.6%	97.7%	96.0%	97.4%	97.3%	97.2%	97.1%	97.5%	96.2%	96.3%	98.3%	95.6%
DELAWARE														
\$9,999 or less	87.3%	89.6%	87.2%	90.3%	95.0%	86.6%	89.0%	94.4%	89.1%	95.1%	88.7%	89.7%	88.7%	94.4%
\$10,000 - \$19,999	92.1%	94.8%	93.6%	96.3%	92.6%	93.8%	92.8%	96.6%	92.6%	90.2%	92.3%	94.7%	98.0%	91.5%
\$20,000 - \$29,999	98.4%	98.3%	98.1%	97.9%	97.4%	96.9%	96.7%	96.2%	97.5%	98.6%	97.5%	96.9%	94.2%	97.7%
\$30,000 - \$39,999	98.4%	98.1%	100.0%	100.0%	100.0%	98.9%	100.0%	98.3%	98.6%	100.0%	100.0%	97.4%	97.4%	100.0%
\$40,000 or more	99.5%	100.0%	98.8%	99.4%	100.0%	99.2%	99.1%	98.5%	99.0%	100.0%	99.4%	100.0%	97.4%	95.2%
All Households	95.5%	96.3%	95.2%	96.6%	97.1%	95.3%	95.8%	96.8%	95.5%	96.9%	95.6%	96.0%	95.3%	95.2%
DISTRICT OF COLUMBIA														
\$9,999 or less	92.5%	84.8%	81.7%	81.5%	81.8%	89.5%	84.8%	87.3%	79.5%	68.3%	72.9%	83.2%	81.4%	81.1%
\$10,000 - \$19,999	94.6%	91.5%	91.8%	88.6%	91.5%	95.0%	91.4%	87.7%	90.8%	86.0%	92.8%	91.4%	93.6%	93.7%
\$20,000 - \$29,999	97.2%	93.9%	95.4%	94.0%	96.8%	98.5%	97.4%	95.2%	92.4%	92.6%	96.7%	96.8%	97.4%	93.2%
\$30,000 - \$39,999	98.6%	99.0%	97.4%	93.0%	98.7%	100.0%	96.5%	97.4%	96.3%	96.2%	94.1%	98.5%	98.4%	98.5%
\$40,000 or more	98.7%	97.5%	98.3%	99.2%	96.9%	97.0%	99.4%	98.4%	96.3%	99.5%	96.1%	97.2%	98.1%	97.5%
All Households	95.9%	92.0%	91.9%	91.4%	92.9%	95.6%	93.2%	92.4%	90.2%	87.9%	89.1%	92.3%	92.5%	91.4%
FLORIDA														
\$9,999 or less	80.2%	77.0%	74.7%	80.2%	82.4%	83.2%	83.6%	84.2%	86.4%	84.7%	84.2%	86.7%	86.6%	84.4%
\$10,000 - \$19,999	87.9%	87.6%	88.2%	89.0%	91.6%	88.0%	91.4%	91.4%	93.0%	93.8%	91.1%	93.7%	94.0%	92.0%
\$20,000 - \$29,999	94.8%	92.6%	93.3%	94.6%	95.5%	95.5%	94.8%	96.2%	97.2%	95.9%	96.1%	97.2%	95.8%	95.4%
\$30,000 - \$39,999	96.8%	98.3%	96.6%	96.5%	97.3%	97.6%	97.7%	99.3%	98.9%	98.4%	97.1%	97.2%	95.9%	94.7%
\$40,000 or more	99.1%	97.7%	98.1%	98.9%	99.0%	98.1%	98.8%	99.7%	98.5%	99.3%	98.7%	98.0%	97.8%	97.7%
All Households	89.9%	88.9%	89.1%	91.2%	92.8%	91.7%	92.6%	93.2%	94.1%	93.5%	92.4%	93.9%	93.4%	92.1%
GEORGIA														
\$9,999 or less	69.1%	75.0%	73.3%	70.0%	81.9%	79.5%	80.3%	76.5%	77.7%	81.9%	88.6%	81.0%	86.1%	81.6%
\$10,000 - \$19,999	85.7%	86.4%	88.3%	81.8%	88.7%	88.5%	88.2%	90.1%	92.0%	95.2%	91.2%	90.6%	88.4%	87.8%
\$20,000 - \$29,999	91.5%	95.7%	92.4%	95.8%	94.2%	94.2%	92.6%	97.1%	93.9%	97.8%	94.1%	96.8%	94.8%	95.4%
\$30,000 - \$39,999	98.7%	100.0%	97.2%	97.8%	98.7%	98.4%	98.7%	98.7%	98.1%	99.3%	95.7%	96.5%	97.0%	97.9%
\$40,000 or more	97.8%	99.8%	99.1%	98.1%	99.3%	98.8%	98.7%	98.5%	99.1%	98.6%	98.0%	95.4%	95.7%	93.9%
All Households	85.9%	89.3%	88.0%	87.7%	92.0%	91.0%	91.0%	91.1%	90.5%	93.5%	93.2%	91.4%	92.0%	90.4%
HAWAII														
\$9,999 or less	76.1%	74.6%	80.1%	85.7%	85.9%	83.4%	89.6%	81.1%	78.0%	86.7%	84.6%	83.5%	88.8%	89.9%
\$10,000 - \$19,999	93.4%	93.7%	92.6%	90.0%	95.4%	96.5%	94.2%	92.2%	95.1%	91.5%	92.7%	91.7%	86.7%	89.8%
\$20,000 - \$29,999	100.0%	98.7%	100.0%	98.9%	95.2%	95.5%	98.4%	97.0%	97.8%	93.7%	93.3%	99.1%	97.1%	96.4%
\$30,000 - \$39,999	97.2%	96.6%	98.5%	97.2%	98.7%	98.5%	99.1%	98.3%	96.8%	97.5%	98.2%	100.0%	92.7%	97.2%
\$40,000 or more	99.3%	98.7%	98.0%	99.4%	97.4%	100.0%	99.4%	99.4%	99.5%	98.6%	98.0%	98.8%	98.7%	99.3%
All Households	94.0%	93.4%	94.4%	94.7%	95.3%	95.7%	96.7%	94.8%	95.1%	94.6%	94.6%	95.5%	93.9%	94.9%

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.9 - PERCENTAGE OF HOUSEHOLDS WITH TELEPHONE SERVICE IN MARCH

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
IDAHO														
\$9,999 or less	78.4%	78.6%	79.6%	81.4%	82.8%	79.8%	86.7%	86.9%	82.3%	87.5%	87.0%	83.9%	85.6%	87.9%
\$10,000 - \$19,999	89.6%	92.4%	92.0%	89.3%	93.4%	92.3%	88.9%	88.5%	91.2%	92.2%	93.6%	94.8%	91.0%	95.8%
\$20,000 - \$29,999	94.7%	96.7%	96.3%	96.0%	96.8%	98.0%	97.6%	96.7%	96.2%	99.4%	98.3%	98.2%	98.2%	96.5%
\$30,000 - \$39,999	98.7%	98.2%	98.0%	98.1%	98.8%	100.0%	96.5%	97.8%	98.9%	99.2%	99.1%	98.9%	96.7%	97.1%
\$40,000 or more	99.1%	100.0%	98.9%	100.0%	97.3%	96.8%	99.6%	98.4%	99.6%	99.2%	99.1%	95.7%	99.1%	98.4%
All Households	90.6%	92.0%	91.8%	91.2%	92.7%	92.0%	92.8%	92.3%	92.2%	94.5%	95.0%	94.2%	93.6%	95.0%
ILLINOIS														
\$9,999 or less	87.8%	84.6%	82.5%	85.2%	84.5%	85.8%	84.4%	83.3%	83.7%	82.3%	81.3%	81.4%	83.3%	83.2%
\$10,000 - \$19,999	95.8%	94.2%	94.5%	92.0%	93.6%	92.5%	92.5%	91.4%	94.0%	93.3%	92.8%	92.3%	92.0%	92.5%
\$20,000 - \$29,999	96.8%	98.1%	95.6%	96.6%	96.7%	98.4%	96.9%	98.1%	97.1%	97.3%	97.7%	95.3%	95.8%	96.7%
\$30,000 - \$39,999	99.7%	97.9%	98.0%	97.9%	99.2%	97.6%	99.3%	97.9%	99.0%	99.6%	97.5%	97.0%	93.6%	96.8%
\$40,000 or more	99.0%	98.9%	98.3%	99.3%	99.4%	98.8%	99.2%	99.1%	99.3%	98.4%	99.3%	98.9%	98.6%	97.9%
All Households	95.6%	94.4%	93.4%	94.1%	94.4%	94.6%	94.5%	93.9%	94.5%	93.7%	93.5%	92.9%	93.1%	93.5%
INDIANA														
\$9,999 or less	80.4%	78.1%	82.9%	81.5%	80.1%	76.7%	85.5%	85.6%	70.0%	79.8%	87.7%	83.2%	92.7%	91.6%
\$10,000 - \$19,999	90.9%	89.0%	92.4%	88.5%	90.0%	93.0%	89.2%	89.9%	89.4%	86.5%	89.8%	94.8%	92.3%	93.3%
\$20,000 - \$29,999	97.7%	98.6%	96.0%	95.3%	97.3%	98.6%	94.7%	97.4%	97.6%	98.6%	95.8%	98.2%	96.8%	94.6%
\$30,000 - \$39,999	98.8%	99.3%	97.3%	97.5%	96.5%	99.2%	98.2%	98.0%	98.6%	97.8%	93.7%	100.0%	94.8%	96.8%
\$40,000 or more	98.0%	98.3%	98.6%	98.6%	99.3%	98.5%	98.9%	97.9%	100.0%	99.4%	100.0%	99.2%	97.6%	95.9%
All Households	92.0%	91.7%	93.0%	91.3%	91.6%	93.0%	92.3%	92.8%	89.4%	91.3%	92.8%	94.2%	94.7%	94.3%
IOWA														
\$9,999 or less	89.7%	91.1%	87.8%	86.8%	83.8%	91.0%	93.8%	88.9%	87.8%	89.1%	93.1%	88.8%	91.3%	87.7%
\$10,000 - \$19,999	96.6%	95.5%	97.0%	96.8%	96.3%	97.9%	95.2%	94.6%	96.1%	95.8%	95.4%	95.6%	92.5%	96.3%
\$20,000 - \$29,999	97.3%	96.7%	96.9%	98.2%	98.2%	99.4%	98.9%	98.7%	96.7%	98.8%	98.0%	98.7%	99.2%	98.1%
\$30,000 - \$39,999	100.0%	100.0%	100.0%	100.0%	99.1%	100.0%	100.0%	100.0%	98.5%	100.0%	98.2%	99.0%	99.1%	97.9%
\$40,000 or more	99.0%	99.7%	99.1%	98.1%	98.9%	99.1%	100.0%	100.0%	100.0%	98.0%	100.0%	99.3%	98.1%	100.0%
All Households	95.8%	95.9%	95.5%	95.6%	94.6%	97.3%	97.2%	95.7%	95.3%	96.0%	96.5%	96.0%	95.8%	96.1%
KANSAS														
\$9,999 or less	86.5%	88.8%	90.1%	92.2%	86.9%	91.6%	89.2%	86.8%	86.6%	89.7%	82.1%	89.3%	85.5%	87.0%
\$10,000 - \$19,999	92.9%	91.2%	91.1%	93.9%	93.4%	88.4%	94.0%	93.1%	95.2%	95.8%	94.0%	93.1%	93.7%	92.4%
\$20,000 - \$29,999	97.7%	97.0%	93.7%	96.5%	98.5%	98.6%	97.2%	96.2%	94.9%	99.0%	99.6%	97.8%	96.9%	98.6%
\$30,000 - \$39,999	99.0%	99.5%	99.2%	98.7%	100.0%	98.0%	98.8%	98.5%	100.0%	99.1%	98.5%	98.7%	99.2%	100.0%
\$40,000 or more	100.0%	99.1%	97.9%	97.9%	100.0%	99.4%	100.0%	98.6%	100.0%	100.0%	99.1%	99.7%	97.4%	100.0%
All Households	94.5%	94.8%	93.8%	95.5%	95.3%	94.5%	95.5%	94.3%	94.8%	96.5%	94.1%	94.8%	93.6%	94.9%
KENTUCKY														
\$9,999 or less	72.1%	79.1%	75.4%	73.8%	76.0%	78.8%	79.2%	75.2%	77.6%	80.8%	78.9%	78.1%	81.0%	87.7%
\$10,000 - \$19,999	89.2%	88.7%	86.8%	90.4%	90.9%	89.0%	87.9%	89.7%	91.8%	91.8%	94.7%	93.9%	91.7%	90.0%
\$20,000 - \$29,999	93.5%	94.6%	94.8%	90.5%	96.2%	95.1%	98.4%	93.9%	96.0%	97.6%	92.3%	97.1%	96.5%	96.9%
\$30,000 - \$39,999	94.2%	95.8%	95.8%	97.3%	94.4%	98.6%	98.7%	100.0%	97.9%	97.3%	96.3%	97.8%	100.0%	99.1%
\$40,000 or more	97.3%	98.4%	100.0%	98.9%	100.0%	100.0%	98.8%	99.0%	100.0%	100.0%	99.3%	100.0%	94.8%	96.2%
All Households	87.1%	89.1%	87.3%	87.5%	89.5%	89.5%	90.4%	89.2%	90.2%	90.9%	90.1%	91.2%	91.3%	93.1%

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.9 - PERCENTAGE OF HOUSEHOLDS WITH TELEPHONE SERVICE IN MARCH

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
LOUISIANA														
\$9,999 or less	80.9%	79.6%	78.2%	72.2%	68.8%	79.7%	77.5%	85.3%	84.2%	77.3%	81.7%	81.9%	79.5%	81.7%
\$10,000 - \$19,999	88.0%	91.1%	89.8%	82.5%	88.1%	89.8%	94.3%	93.7%	91.2%	92.5%	93.4%	90.3%	95.0%	93.6%
\$20,000 - \$29,999	94.1%	95.1%	94.9%	95.2%	97.8%	98.8%	97.2%	98.0%	97.9%	95.7%	95.0%	96.4%	93.2%	95.0%
\$30,000 - \$39,999	97.0%	99.2%	97.3%	100.0%	97.9%	98.7%	99.1%	97.2%	99.5%	100.0%	98.4%	100.0%	93.9%	92.4%
\$40,000 or more	98.0%	99.1%	100.0%	100.0%	100.0%	98.3%	99.0%	100.0%	100.0%	100.0%	98.1%	98.1%	97.8%	98.3%
All Households	89.6%	90.7%	90.6%	87.1%	87.1%	90.8%	90.5%	93.0%	92.7%	90.4%	91.6%	91.0%	90.5%	91.2%
MAINE														
\$9,999 or less	83.1%	87.3%	83.9%	92.1%	88.0%	86.6%	91.7%	86.9%	82.4%	91.8%	86.7%	88.4%	91.9%	90.5%
\$10,000 - \$19,999	94.0%	91.4%	96.0%	88.4%	92.6%	94.8%	95.0%	96.4%	89.3%	95.7%	96.7%	94.0%	94.8%	90.3%
\$20,000 - \$29,999	98.5%	99.3%	94.8%	97.1%	96.8%	98.7%	96.7%	96.9%	95.8%	99.3%	96.4%	98.9%	98.7%	95.6%
\$30,000 - \$39,999	100.0%	98.9%	96.0%	97.0%	98.9%	97.8%	100.0%	100.0%	98.5%	100.0%	100.0%	100.0%	100.0%	95.3%
\$40,000 or more	100.0%	98.2%	98.6%	100.0%	98.2%	100.0%	100.0%	99.0%	98.6%	100.0%	100.0%	100.0%	98.1%	98.9%
All Households	94.3%	94.2%	92.8%	94.2%	94.3%	95.2%	96.5%	95.6%	91.8%	96.9%	95.0%	95.4%	96.5%	93.7%
MARYLAND														
\$9,999 or less	87.0%	85.3%	82.5%	85.4%	86.3%	78.7%	83.0%	92.2%	86.2%	86.6%	95.5%	87.1%	92.1%	85.9%
\$10,000 - \$19,999	94.9%	90.6%	95.4%	95.5%	95.2%	97.1%	94.6%	94.6%	93.8%	94.7%	94.3%	93.3%	93.3%	96.9%
\$20,000 - \$29,999	97.9%	97.6%	97.9%	97.3%	99.1%	95.5%	96.8%	100.0%	97.8%	98.3%	94.1%	96.2%	95.6%	96.2%
\$30,000 - \$39,999	99.4%	100.0%	100.0%	100.0%	98.4%	100.0%	98.5%	97.3%	98.8%	96.1%	95.8%	98.0%	96.8%	97.0%
\$40,000 or more	98.5%	99.7%	99.6%	100.0%	99.2%	100.0%	99.5%	99.2%	98.9%	100.0%	97.3%	98.0%	100.0%	98.0%
All Households	96.2%	95.3%	95.8%	96.3%	96.5%	95.8%	95.5%	97.3%	95.7%	95.9%	95.6%	94.8%	96.2%	95.3%
MASSACHUSETTS														
\$9,999 or less	88.2%	87.9%	89.0%	89.9%	88.7%	88.3%	90.0%	90.1%	91.8%	91.3%	92.0%	90.7%	87.3%	91.7%
\$10,000 - \$19,999	93.1%	95.0%	95.4%	94.8%	96.9%	95.0%	94.5%	95.4%	94.8%	97.0%	95.6%	94.7%	94.5%	93.0%
\$20,000 - \$29,999	97.7%	97.3%	97.2%	99.2%	98.6%	99.1%	98.3%	98.2%	98.4%	98.9%	96.0%	96.4%	96.1%	97.1%
\$30,000 - \$39,999	100.0%	98.5%	98.7%	98.8%	98.7%	98.4%	99.5%	99.7%	99.2%	99.3%	98.0%	99.2%	98.6%	100.0%
\$40,000 or more	99.1%	99.4%	99.5%	99.4%	99.8%	99.8%	99.6%	99.6%	99.7%	99.9%	98.8%	98.7%	99.1%	98.2%
All Households	95.7%	95.9%	96.2%	96.7%	96.9%	96.6%	96.7%	96.6%	96.9%	97.4%	96.2%	96.0%	95.2%	95.9%
MICHIGAN														
\$9,999 or less	80.9%	81.0%	85.0%	82.7%	84.5%	84.3%	82.7%	84.2%	81.1%	90.2%	89.6%	87.6%	84.2%	86.0%
\$10,000 - \$19,999	93.2%	92.2%	91.8%	95.3%	93.6%	94.2%	93.2%	94.6%	94.9%	95.1%	93.8%	96.2%	92.9%	92.9%
\$20,000 - \$29,999	97.8%	96.9%	97.2%	99.2%	97.1%	95.9%	97.0%	98.9%	97.8%	97.8%	98.1%	97.1%	96.1%	98.3%
\$30,000 - \$39,999	99.1%	98.7%	97.7%	99.1%	99.1%	99.1%	98.7%	98.4%	99.1%	99.7%	98.5%	96.5%	97.8%	98.6%
\$40,000 or more	99.7%	99.5%	98.9%	98.8%	99.2%	99.6%	99.5%	99.5%	99.3%	99.6%	99.2%	98.7%	99.3%	98.5%
All Households	93.3%	92.7%	93.6%	94.2%	94.5%	94.6%	94.2%	94.7%	94.1%	96.3%	95.6%	95.3%	94.0%	94.9%
MINNESOTA														
\$9,999 or less	85.2%	90.4%	85.5%	87.3%	92.3%	90.4%	89.6%	92.6%	86.2%	93.5%	87.4%	93.9%	95.8%	91.7%
\$10,000 - \$19,999	95.7%	97.9%	95.7%	96.1%	95.5%	96.6%	96.1%	97.5%	99.5%	98.8%	97.5%	96.9%	96.5%	96.8%
\$20,000 - \$29,999	99.7%	99.3%	99.2%	98.2%	100.0%	98.2%	98.5%	98.0%	100.0%	98.5%	98.4%	95.6%	96.6%	100.0%
\$30,000 - \$39,999	99.7%	97.8%	99.1%	98.9%	98.4%	97.6%	98.8%	97.4%	100.0%	99.0%	100.0%	98.4%	99.0%	97.1%
\$40,000 or more	99.5%	99.5%	100.0%	99.4%	99.3%	100.0%	99.3%	100.0%	100.0%	99.4%	100.0%	99.4%	100.0%	100.0%
All Households	95.9%	97.1%	95.6%	95.9%	97.1%	96.5%	96.5%	97.2%	97.0%	97.7%	96.5%	96.8%	97.7%	97.4%

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.9 - PERCENTAGE OF HOUSEHOLDS WITH TELEPHONE SERVICE IN MARCH

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
MISSISSIPPI														
\$9,999 or less	71.3%	69.1%	65.5%	68.2%	74.2%	68.7%	76.9%	73.5%	76.9%	75.7%	78.6%	73.6%	76.1%	76.6%
\$10,000 - \$19,999	79.0%	81.4%	86.5%	84.3%	79.4%	86.3%	87.5%	88.3%	88.5%	88.9%	91.5%	88.5%	86.1%	90.2%
\$20,000 - \$29,999	92.0%	92.7%	90.8%	94.2%	93.1%	95.0%	94.4%	93.8%	94.0%	95.9%	94.5%	96.7%	91.5%	96.8%
\$30,000 - \$39,999	96.3%	91.6%	93.9%	96.5%	93.3%	98.9%	100.0%	100.0%	97.7%	96.0%	96.0%	94.5%	98.6%	98.0%
\$40,000 or more	98.4%	97.2%	97.9%	95.4%	98.9%	98.9%	100.0%	98.8%	97.3%	97.3%	96.1%	99.1%	95.6%	99.0%
All Households	81.9%	81.7%	82.1%	82.8%	83.9%	84.7%	88.1%	86.4%	86.9%	87.0%	88.9%	87.2%	86.7%	89.4%
MISSOURI														
\$9,999 or less	82.5%	83.3%	83.8%	78.8%	78.4%	77.6%	81.2%	85.6%	88.6%	80.1%	83.2%	85.5%	87.3%	95.2%
\$10,000 - \$19,999	90.4%	90.8%	91.1%	92.3%	96.1%	91.9%	87.9%	92.9%	91.5%	94.7%	91.8%	93.6%	98.1%	96.2%
\$20,000 - \$29,999	96.9%	96.9%	97.4%	93.4%	97.3%	98.5%	96.3%	99.0%	100.0%	97.6%	96.4%	98.4%	96.6%	96.7%
\$30,000 - \$39,999	99.2%	98.5%	99.2%	98.4%	98.1%	96.1%	98.7%	98.9%	100.0%	99.2%	94.4%	96.6%	99.0%	100.0%
\$40,000 or more	99.4%	100.0%	98.0%	100.0%	99.4%	97.5%	100.0%	98.2%	99.0%	100.0%	100.0%	100.0%	100.0%	100.0%
All Households	92.2%	92.8%	93.1%	91.5%	93.0%	91.0%	91.9%	94.2%	94.8%	92.8%	92.1%	94.1%	96.3%	97.5%
MONTANA														
\$9,999 or less	79.6%	84.0%	81.2%	78.3%	81.4%	80.4%	80.2%	77.9%	80.5%	84.6%	91.3%	91.1%	89.4%	86.3%
\$10,000 - \$19,999	88.7%	90.2%	95.8%	93.0%	95.6%	94.5%	92.7%	94.2%	94.4%	95.1%	94.6%	96.7%	92.8%	93.1%
\$20,000 - \$29,999	96.4%	97.8%	97.8%	94.9%	90.7%	96.9%	95.0%	95.9%	96.6%	97.9%	96.4%	97.3%	97.8%	98.1%
\$30,000 - \$39,999	97.4%	97.7%	98.9%	100.0%	98.9%	100.0%	98.3%	98.6%	98.5%	100.0%	98.5%	99.1%	100.0%	98.8%
\$40,000 or more	100.0%	98.2%	98.6%	97.7%	97.9%	97.5%	100.0%	100.0%	100.0%	98.7%	99.2%	100.0%	95.6%	99.2%
All Households	90.3%	92.2%	93.1%	91.3%	91.1%	92.6%	91.7%	91.5%	92.6%	94.5%	95.4%	96.3%	94.2%	94.1%
NEBRASKA														
\$9,999 or less	90.7%	94.2%	92.0%	89.0%	88.1%	87.0%	86.3%	89.4%	91.2%	91.1%	90.7%	90.9%	90.1%	92.8%
\$10,000 - \$19,999	97.1%	93.8%	93.4%	93.1%	97.2%	96.6%	97.6%	95.4%	98.0%	98.7%	96.2%	98.8%	97.5%	97.5%
\$20,000 - \$29,999	99.2%	98.1%	98.9%	97.2%	100.0%	100.0%	97.4%	97.4%	98.3%	97.6%	99.4%	99.3%	98.0%	97.4%
\$30,000 - \$39,999	100.0%	100.0%	97.3%	100.0%	100.0%	100.0%	100.0%	100.0%	99.2%	100.0%	99.3%	98.0%	95.5%	100.0%
\$40,000 or more	100.0%	98.7%	100.0%	99.1%	98.4%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	97.8%	99.2%	98.0%
All Households	96.6%	96.5%	95.8%	94.9%	96.4%	96.4%	95.8%	95.9%	97.2%	97.3%	97.0%	97.1%	96.0%	97.0%
NEVADA														
\$9,999 or less	78.4%	85.2%	76.9%	78.8%	77.9%	74.9%	80.4%	78.4%	90.0%	88.0%	78.3%	78.5%	88.4%	90.8%
\$10,000 - \$19,999	89.8%	84.5%	92.5%	91.1%	89.6%	91.3%	91.8%	89.2%	91.1%	92.7%	92.3%	92.1%	90.0%	91.3%
\$20,000 - \$29,999	97.7%	96.6%	93.0%	91.7%	96.2%	95.5%	98.1%	97.2%	97.0%	96.2%	96.6%	93.4%	96.0%	92.3%
\$30,000 - \$39,999	98.2%	95.4%	96.7%	97.9%	96.6%	97.1%	96.2%	99.3%	97.5%	98.8%	95.3%	97.7%	97.4%	96.3%
\$40,000 or more	98.6%	96.3%	100.0%	100.0%	98.7%	96.8%	99.1%	99.4%	98.4%	100.0%	97.2%	98.8%	99.3%	98.0%
All Households	93.0%	91.4%	91.3%	92.5%	92.0%	91.5%	93.6%	92.9%	94.7%	95.1%	92.6%	92.3%	94.1%	93.8%
NEW HAMPSHIRE														
\$9,999 or less	82.2%	87.8%	84.9%	91.7%	90.2%	88.7%	88.3%	86.1%	82.1%	87.4%	89.0%	89.7%	96.1%	93.6%
\$10,000 - \$19,999	94.3%	89.7%	88.1%	88.2%	95.3%	92.2%	91.6%	95.9%	92.9%	97.6%	94.8%	92.5%	97.8%	97.3%
\$20,000 - \$29,999	98.4%	92.6%	97.1%	92.4%	98.0%	98.0%	96.9%	95.3%	97.0%	98.1%	94.0%	97.4%	98.2%	96.4%
\$30,000 - \$39,999	99.0%	98.7%	97.5%	97.5%	95.7%	98.0%	97.6%	100.0%	100.0%	100.0%	100.0%	96.4%	95.2%	98.3%
\$40,000 or more	100.0%	97.7%	100.0%	98.5%	99.3%	98.6%	100.0%	100.0%	98.6%	100.0%	100.0%	99.4%	99.1%	99.1%
All Households	94.8%	93.3%	94.0%	94.1%	96.4%	95.8%	95.9%	96.7%	94.6%	97.2%	95.9%	95.2%	97.6%	97.1%

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.9 - PERCENTAGE OF HOUSEHOLDS WITH TELEPHONE SERVICE IN MARCH

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
NEW JERSEY														
\$9,999 or less	83.2%	84.3%	80.0%	81.6%	85.4%	86.8%	86.6%	83.5%	84.8%	83.2%	83.4%	81.9%	83.4%	88.6%
\$10,000 - \$19,999	91.1%	94.6%	93.9%	93.6%	89.0%	92.5%	94.3%	92.1%	91.1%	93.5%	93.6%	88.4%	88.3%	94.9%
\$20,000 - \$29,999	96.1%	96.6%	96.9%	94.4%	95.4%	95.9%	95.0%	96.6%	98.6%	94.5%	96.0%	91.9%	91.6%	97.1%
\$30,000 - \$39,999	99.1%	100.0%	98.4%	98.3%	98.1%	96.5%	98.5%	97.8%	98.2%	98.5%	97.7%	97.5%	96.1%	97.7%
\$40,000 or more	98.6%	99.4%	98.9%	99.3%	99.2%	99.0%	98.7%	99.0%	98.9%	99.0%	97.4%	96.9%	98.2%	99.2%
All Households	93.6%	95.2%	94.5%	94.2%	94.3%	95.1%	95.5%	94.8%	94.9%	94.3%	94.0%	92.0%	92.4%	96.1%
NEW MEXICO														
\$9,999 or less	61.8%	67.4%	67.8%	73.6%	70.3%	73.8%	75.3%	71.5%	71.7%	75.5%	80.3%	78.0%	68.5%	69.6%
\$10,000 - \$19,999	81.7%	80.8%	83.1%	87.3%	84.7%	84.5%	83.3%	85.7%	89.5%	88.0%	87.2%	87.4%	87.1%	90.1%
\$20,000 - \$29,999	89.8%	90.7%	89.9%	96.8%	92.6%	97.1%	89.2%	96.5%	95.1%	93.7%	93.5%	92.4%	91.1%	93.0%
\$30,000 - \$39,999	98.1%	96.3%	98.1%	94.7%	93.9%	93.4%	97.3%	93.6%	99.5%	97.2%	97.3%	97.5%	96.4%	95.2%
\$40,000 or more	99.0%	98.2%	98.4%	99.3%	98.6%	98.7%	99.3%	98.9%	98.7%	99.1%	96.2%	100.0%	97.9%	100.0%
All Households	82.1%	84.3%	85.2%	88.2%	85.5%	86.5%	86.4%	87.3%	88.6%	88.7%	89.4%	89.0%	84.3%	86.0%
NEW YORK														
\$9,999 or less	78.4%	80.4%	81.6%	82.9%	82.2%	80.6%	75.4%	77.7%	83.2%	84.2%	83.7%	84.8%	85.4%	87.5%
\$10,000 - \$19,999	91.9%	91.8%	92.7%	91.8%	92.3%	94.1%	90.7%	89.8%	92.9%	94.5%	93.5%	94.4%	93.3%	95.3%
\$20,000 - \$29,999	97.1%	96.8%	96.9%	97.4%	96.5%	94.1%	94.1%	95.6%	94.6%	96.1%	95.7%	95.4%	96.3%	95.4%
\$30,000 - \$39,999	98.0%	98.1%	98.2%	97.6%	96.8%	98.4%	96.4%	98.5%	97.6%	97.6%	98.0%	96.2%	97.6%	97.3%
\$40,000 or more	98.5%	98.8%	98.4%	99.1%	98.9%	98.9%	98.3%	98.6%	99.3%	98.5%	99.1%	98.5%	98.4%	98.8%
All Households	91.4%	92.2%	92.9%	93.3%	93.0%	92.9%	90.9%	91.5%	93.1%	93.7%	93.4%	93.4%	93.6%	94.5%
NORTH CAROLINA														
\$9,999 or less	73.5%	75.7%	78.4%	77.5%	77.1%	82.4%	82.7%	84.1%	83.6%	85.0%	83.9%	83.5%	85.5%	83.6%
\$10,000 - \$19,999	87.0%	89.2%	88.1%	88.0%	88.2%	88.3%	91.0%	91.2%	91.4%	90.9%	93.6%	92.3%	87.9%	91.8%
\$20,000 - \$29,999	96.4%	94.6%	94.3%	94.1%	95.5%	96.3%	95.5%	95.3%	96.7%	96.3%	94.5%	95.7%	95.9%	96.3%
\$30,000 - \$39,999	98.5%	99.4%	98.2%	98.0%	98.5%	99.4%	97.9%	98.1%	97.5%	98.5%	97.0%	97.6%	98.2%	98.9%
\$40,000 or more	98.4%	99.5%	98.9%	99.1%	99.7%	100.0%	99.8%	100.0%	99.5%	99.8%	99.1%	98.7%	99.1%	98.4%
All Households	89.0%	89.9%	90.1%	89.8%	90.2%	92.1%	92.5%	92.8%	92.7%	93.1%	92.9%	92.6%	92.5%	93.5%
NORTH DAKOTA														
\$9,999 or less	85.2%	85.5%	89.5%	94.1%	92.1%	88.9%	89.8%	90.6%	90.0%	91.9%	89.8%	94.4%	91.3%	93.6%
\$10,000 - \$19,999	95.0%	94.9%	93.1%	98.3%	95.0%	98.3%	97.9%	97.6%	97.2%	98.2%	97.1%	97.8%	95.5%	95.4%
\$20,000 - \$29,999	95.7%	98.9%	98.1%	98.6%	100.0%	97.7%	98.3%	99.2%	98.9%	97.5%	98.3%	98.9%	98.1%	96.8%
\$30,000 - \$39,999	98.7%	100.0%	99.1%	100.0%	100.0%	99.2%	99.0%	99.2%	99.2%	100.0%	97.9%	100.0%	100.0%	98.7%
\$40,000 or more	99.0%	100.0%	99.2%	100.0%	100.0%	100.0%	100.0%	99.0%	99.0%	100.0%	100.0%	98.8%	100.0%	98.6%
All Households	93.9%	94.9%	95.0%	97.9%	96.8%	96.5%	96.7%	96.7%	96.3%	97.2%	96.3%	97.6%	96.2%	96.2%
OHIO														
\$9,999 or less	81.0%	77.4%	79.1%	80.6%	82.8%	82.2%	88.6%	85.9%	84.4%	86.3%	85.8%	83.4%	87.3%	88.5%
\$10,000 - \$19,999	93.2%	91.0%	94.7%	94.0%	93.5%	94.3%	95.8%	94.2%	93.6%	93.7%	94.8%	95.8%	92.9%	94.7%
\$20,000 - \$29,999	97.0%	96.8%	96.4%	97.6%	97.4%	97.5%	98.0%	97.1%	97.8%	98.0%	96.7%	95.5%	98.7%	96.8%
\$30,000 - \$39,999	98.4%	96.9%	99.2%	98.0%	99.4%	99.5%	98.3%	97.9%	99.4%	99.1%	98.8%	98.3%	99.2%	97.0%
\$40,000 or more	99.4%	99.3%	99.4%	98.5%	99.4%	99.6%	99.6%	99.8%	99.0%	99.7%	98.7%	99.3%	98.8%	99.3%
All Households	93.2%	91.6%	93.5%	93.4%	94.2%	94.3%	96.0%	94.8%	94.3%	95.1%	94.6%	93.9%	95.0%	95.0%

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.9 - PERCENTAGE OF HOUSEHOLDS WITH TELEPHONE SERVICE IN MARCH

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
OKLAHOMA														
\$9,999 or less	81.9%	77.5%	80.8%	67.8%	74.7%	67.5%	75.8%	76.7%	78.5%	82.5%	84.6%	76.5%	80.4%	78.9%
\$10,000 - \$19,999	90.8%	88.4%	86.2%	89.7%	88.5%	86.5%	91.4%	87.2%	90.8%	91.2%	93.8%	92.9%	90.0%	95.4%
\$20,000 - \$29,999	94.7%	93.5%	93.1%	95.9%	96.7%	96.8%	96.7%	96.3%	97.8%	96.1%	98.1%	99.5%	95.9%	98.3%
\$30,000 - \$39,999	94.4%	98.7%	98.8%	98.9%	100.0%	95.5%	98.4%	98.7%	100.0%	100.0%	95.2%	100.0%	96.4%	98.0%
\$40,000 or more	99.0%	99.2%	98.2%	100.0%	100.0%	99.1%	99.2%	100.0%	100.0%	98.9%	99.2%	99.1%	98.2%	96.1%
All Households	91.0%	90.3%	89.9%	88.3%	89.7%	86.6%	90.5%	89.6%	91.2%	91.8%	93.0%	91.4%	90.3%	91.8%
OREGON														
\$9,999 or less	76.4%	73.5%	83.6%	72.5%	68.6%	71.2%	82.0%	88.6%	83.5%	82.4%	92.6%	90.3%	88.1%	90.5%
\$10,000 - \$19,999	94.2%	89.9%	91.9%	92.1%	88.2%	87.6%	88.7%	96.9%	90.2%	91.3%	92.6%	98.1%	95.9%	95.0%
\$20,000 - \$29,999	95.0%	94.4%	93.5%	97.5%	98.7%	95.1%	97.9%	98.6%	92.4%	100.0%	100.0%	97.0%	100.0%	96.1%
\$30,000 - \$39,999	100.0%	100.0%	97.2%	98.8%	100.0%	95.3%	100.0%	100.0%	96.8%	92.7%	97.9%	97.0%	98.9%	97.4%
\$40,000 or more	96.9%	93.9%	99.1%	100.0%	100.0%	99.0%	97.9%	98.2%	99.3%	99.3%	98.7%	100.0%	100.0%	97.7%
All Households	91.4%	89.6%	92.4%	91.5%	89.7%	89.6%	92.8%	96.2%	91.8%	92.8%	96.2%	96.4%	96.7%	95.3%
PENNSYLVANIA														
\$9,999 or less	85.6%	85.2%	88.4%	88.7%	89.8%	90.5%	91.0%	91.9%	93.4%	92.3%	91.9%	91.8%	92.4%	93.6%
\$10,000 - \$19,999	95.2%	95.0%	96.8%	95.7%	95.2%	96.4%	96.6%	96.9%	97.8%	98.2%	97.6%	95.7%	98.2%	97.0%
\$20,000 - \$29,999	98.0%	97.5%	98.0%	98.2%	99.0%	98.2%	98.4%	98.8%	99.0%	99.0%	98.7%	98.3%	98.1%	98.6%
\$30,000 - \$39,999	99.0%	99.5%	98.4%	98.6%	98.3%	99.4%	98.6%	100.0%	99.7%	99.7%	99.4%	99.4%	98.1%	99.5%
\$40,000 or more	99.2%	99.6%	99.0%	99.6%	99.3%	99.6%	99.2%	99.4%	99.8%	99.6%	99.2%	99.2%	99.4%	99.1%
All Households	94.4%	94.4%	95.9%	96.0%	96.1%	96.7%	96.7%	97.2%	97.8%	97.5%	97.1%	96.6%	97.1%	97.3%
RHODE ISLAND														
\$9,999 or less	86.4%	80.7%	87.8%	91.2%	92.9%	83.5%	82.4%	83.8%	87.0%	85.6%	87.6%	92.9%	90.7%	87.6%
\$10,000 - \$19,999	93.2%	96.4%	91.9%	89.2%	93.5%	94.9%	96.3%	94.8%	93.0%	96.0%	96.0%	94.4%	94.3%	91.9%
\$20,000 - \$29,999	97.8%	96.7%	96.1%	97.3%	95.3%	98.8%	95.5%	95.5%	98.2%	98.1%	97.8%	98.8%	97.2%	96.1%
\$30,000 - \$39,999	98.5%	100.0%	100.0%	100.0%	98.8%	100.0%	100.0%	98.3%	98.2%	96.8%	100.0%	98.8%	99.3%	100.0%
\$40,000 or more	98.3%	98.0%	100.0%	100.0%	100.0%	99.2%	99.3%	99.2%	100.0%	98.9%	99.6%	99.0%	98.2%	100.0%
All Households	94.0%	93.3%	94.8%	95.4%	96.1%	95.3%	94.8%	94.6%	94.9%	94.8%	95.9%	96.5%	95.5%	94.6%
SOUTH CAROLINA														
\$9,999 or less	66.1%	73.0%	77.1%	75.5%	75.7%	72.2%	76.8%	75.3%	73.1%	76.4%	74.9%	79.5%	80.6%	76.2%
\$10,000 - \$19,999	88.2%	82.7%	86.3%	86.9%	85.1%	81.8%	86.8%	85.2%	88.3%	88.3%	85.7%	90.8%	93.2%	91.3%
\$20,000 - \$29,999	96.1%	98.2%	94.7%	95.7%	89.7%	93.1%	97.9%	96.9%	98.1%	92.6%	94.6%	93.1%	97.3%	95.7%
\$30,000 - \$39,999	93.5%	98.3%	100.0%	97.6%	98.9%	98.2%	98.3%	96.3%	97.3%	96.0%	98.2%	100.0%	96.4%	98.5%
\$40,000 or more	99.1%	95.7%	99.1%	98.4%	98.4%	99.3%	100.0%	100.0%	97.9%	100.0%	100.0%	97.6%	98.9%	100.0%
All Households	85.1%	87.5%	88.9%	89.1%	88.5%	87.2%	89.7%	89.7%	89.2%	89.2%	88.1%	90.9%	92.0%	92.0%
SOUTH DAKOTA														
\$9,999 or less	84.6%	85.6%	84.4%	82.0%	80.0%	84.9%	88.7%	85.8%	90.6%	87.5%	87.6%	86.8%	82.7%	90.5%
\$10,000 - \$19,999	92.5%	89.6%	93.9%	94.8%	92.7%	93.7%	93.5%	93.8%	91.5%	93.3%	97.3%	95.9%	93.3%	92.5%
\$20,000 - \$29,999	98.4%	97.8%	99.3%	95.9%	98.4%	97.5%	97.8%	95.4%	97.9%	95.5%	95.4%	97.6%	97.6%	98.8%
\$30,000 - \$39,999	98.8%	97.9%	98.8%	99.2%	98.4%	96.3%	98.2%	99.0%	99.2%	99.2%	100.0%	96.7%	99.0%	96.7%
\$40,000 or more	100.0%	99.0%	97.9%	97.1%	100.0%	98.9%	99.1%	98.4%	97.6%	98.4%	98.2%	99.0%	98.9%	98.8%
All Households	93.0%	92.4%	93.5%	92.3%	92.3%	93.4%	94.4%	93.5%	94.3%	93.6%	94.8%	94.7%	93.1%	94.7%

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.9 - PERCENTAGE OF HOUSEHOLDS WITH TELEPHONE SERVICE IN MARCH

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
TENNESSEE														
\$9,999 or less	71.1%	75.0%	79.4%	80.4%	80.5%	86.7%	86.0%	75.6%	89.6%	83.0%	84.6%	82.5%	82.6%	89.3%
\$10,000 - \$19,999	88.3%	91.2%	89.4%	89.5%	93.9%	90.0%	88.2%	93.4%	91.3%	93.1%	91.6%	93.9%	93.4%	92.9%
\$20,000 - \$29,999	94.5%	91.2%	94.1%	95.4%	97.5%	97.6%	97.0%	97.6%	98.0%	99.2%	98.4%	94.4%	99.3%	96.2%
\$30,000 - \$39,999	100.0%	97.5%	100.0%	96.0%	93.7%	97.7%	100.0%	100.0%	97.8%	97.8%	100.0%	100.0%	100.0%	98.3%
\$40,000 or more	100.0%	98.8%	100.0%	97.4%	99.0%	100.0%	99.1%	97.9%	100.0%	99.3%	100.0%	100.0%	97.5%	97.6%
All Households	87.1%	88.0%	89.8%	89.5%	91.6%	93.0%	92.3%	90.8%	94.1%	92.8%	92.9%	92.7%	93.4%	94.1%
TEXAS														
\$9,999 or less	74.0%	73.8%	72.8%	77.5%	70.8%	73.3%	77.5%	78.8%	80.7%	79.7%	82.6%	82.2%	79.7%	79.6%
\$10,000 - \$19,999	84.6%	84.5%	85.4%	86.0%	83.9%	84.0%	86.5%	88.8%	91.2%	91.7%	91.9%	88.7%	89.6%	90.6%
\$20,000 - \$29,999	91.7%	90.1%	91.2%	95.8%	95.5%	93.1%	95.9%	94.9%	94.5%	96.5%	93.9%	92.7%	94.3%	94.2%
\$30,000 - \$39,999	97.0%	96.9%	94.5%	96.2%	97.9%	98.2%	98.7%	98.3%	98.0%	98.6%	96.9%	97.6%	97.4%	96.3%
\$40,000 or more	98.5%	98.9%	99.3%	99.0%	98.7%	97.8%	98.5%	99.3%	99.3%	99.0%	98.5%	97.9%	98.2%	97.5%
All Households	88.4%	88.1%	88.1%	90.2%	88.2%	87.8%	90.0%	91.2%	91.8%	92.0%	92.0%	91.0%	91.0%	91.0%
UTAH														
\$9,999 or less	81.5%	87.9%	78.3%	73.0%	79.1%	87.7%	85.3%	96.1%	91.0%	86.9%	87.7%	91.2%	84.5%	98.3%
\$10,000 - \$19,999	88.4%	95.9%	91.2%	91.9%	91.0%	93.6%	96.8%	95.4%	94.4%	95.3%	96.5%	96.4%	95.5%	94.1%
\$20,000 - \$29,999	97.0%	96.9%	98.3%	97.8%	97.2%	99.2%	99.2%	98.2%	92.5%	96.3%	97.4%	99.5%	97.1%	97.8%
\$30,000 - \$39,999	100.0%	97.8%	100.0%	97.8%	92.7%	99.1%	98.4%	98.6%	98.7%	100.0%	97.9%	99.1%	99.1%	100.0%
\$40,000 or more	100.0%	98.2%	100.0%	100.0%	100.0%	98.9%	100.0%	99.0%	97.8%	98.2%	98.9%	100.0%	99.7%	99.3%
All Households	92.4%	95.5%	94.0%	92.9%	92.6%	95.6%	0.0%	97.3%	94.4%	95.6%	96.2%	97.3%	96.0%	97.5%
VERMONT														
\$9,999 or less	75.3%	77.2%	83.5%	90.8%	88.4%	87.7%	90.8%	83.5%	83.6%	87.9%	87.7%	88.4%	91.7%	84.6%
\$10,000 - \$19,999	93.3%	90.3%	89.9%	96.4%	93.9%	95.0%	96.4%	94.8%	94.0%	88.9%	95.8%	95.3%	96.3%	91.7%
\$20,000 - \$29,999	96.3%	96.0%	97.7%	95.3%	100.0%	97.3%	97.4%	95.9%	98.9%	97.3%	96.6%	99.2%	93.8%	98.0%
\$30,000 - \$39,999	97.6%	94.0%	100.0%	98.9%	98.7%	98.6%	99.0%	100.0%	98.3%	96.3%	98.2%	99.1%	97.1%	99.0%
\$40,000 or more	100.0%	97.4%	98.4%	99.0%	100.0%	99.2%	99.1%	100.0%	98.9%	97.6%	96.1%	100.0%	100.0%	100.0%
All Households	91.5%	90.7%	94.1%	95.9%	95.9%	95.8%	96.8%	94.8%	94.2%	93.4%	94.7%	96.4%	95.7%	93.9%
VIRGINIA														
\$9,999 or less	80.4%	82.5%	74.7%	73.1%	80.0%	79.8%	82.1%	71.6%	80.1%	84.0%	87.1%	89.6%	86.2%	84.7%
\$10,000 - \$19,999	90.2%	86.9%	90.2%	91.0%	94.8%	88.7%	89.4%	91.2%	92.4%	87.3%	93.0%	96.0%	96.3%	90.0%
\$20,000 - \$29,999	95.7%	96.9%	94.4%	96.2%	95.0%	96.0%	94.8%	95.6%	97.5%	97.9%	96.2%	98.8%	97.4%	97.8%
\$30,000 - \$39,999	98.2%	98.4%	99.2%	98.7%	98.0%	97.1%	98.3%	99.0%	98.1%	99.2%	97.4%	99.0%	98.9%	94.7%
\$40,000 or more	98.9%	98.3%	98.9%	99.1%	100.0%	98.6%	99.3%	100.0%	99.6%	99.1%	97.9%	99.5%	99.5%	99.1%
All Households	93.2%	92.9%	92.2%	93.0%	94.4%	92.8%	93.4%	92.3%	94.3%	94.1%	94.6%	97.0%	95.8%	93.6%
WASHINGTON														
\$9,999 or less	82.7%	82.9%	80.2%	81.2%	83.3%	84.8%	92.1%	92.3%	87.5%	93.1%	88.8%	89.9%	83.6%	89.0%
\$10,000 - \$19,999	91.1%	89.5%	92.5%	93.5%	89.8%	96.7%	96.7%	95.6%	97.9%	97.6%	94.9%	95.4%	91.6%	95.3%
\$20,000 - \$29,999	95.9%	96.1%	93.3%	94.6%	96.8%	98.5%	97.0%	98.7%	98.7%	97.1%	95.1%	95.8%	100.0%	98.4%
\$30,000 - \$39,999	96.2%	98.6%	96.7%	99.1%	98.0%	99.1%	99.3%	100.0%	100.0%	98.6%	97.7%	98.1%	100.0%	98.7%
\$40,000 or more	98.4%	97.7%	97.3%	98.5%	99.6%	100.0%	99.4%	100.0%	98.9%	100.0%	99.2%	98.2%	97.1%	98.9%
All Households	92.9%	93.1%	92.1%	93.4%	93.5%	96.6%	97.2%	97.4%	96.9%	97.4%	95.4%	95.4%	94.4%	96.1%

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.9 - PERCENTAGE OF HOUSEHOLDS WITH TELEPHONE SERVICE IN MARCH

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
WEST VIRGINIA														
\$9,999 or less	75.7%	74.4%	79.9%	77.1%	75.8%	76.7%	77.1%	77.4%	79.4%	78.6%	78.1%	84.1%	81.7%	83.8%
\$10,000 - \$19,999	88.8%	90.9%	94.0%	91.9%	93.2%	88.6%	89.3%	87.7%	89.2%	93.1%	92.9%	94.4%	96.9%	97.1%
\$20,000 - \$29,999	91.2%	93.8%	97.3%	95.4%	92.7%	93.7%	94.2%	97.8%	96.2%	95.5%	99.3%	97.8%	98.3%	97.4%
\$30,000 - \$39,999	98.9%	97.6%	97.2%	97.2%	97.1%	97.5%	95.3%	99.0%	97.6%	95.7%	98.4%	96.9%	100.0%	100.0%
\$40,000 or more	100.0%	97.1%	98.7%	100.0%	97.2%	97.6%	98.9%	95.3%	97.9%	100.0%	98.6%	98.2%	99.1%	100.0%
All Households	87.3%	88.0%	90.7%	88.7%	88.0%	87.6%	88.7%	89.0%	89.6%	89.4%	90.6%	92.4%	93.1%	93.6%
WISCONSIN														
\$9,999 or less	88.4%	83.5%	81.4%	85.1%	86.1%	88.4%	89.6%	90.4%	90.5%	93.3%	92.8%	93.3%	90.9%	87.8%
\$10,000 - \$19,999	96.0%	95.1%	95.1%	97.7%	96.7%	95.7%	94.9%	95.3%	97.4%	98.2%	96.2%	96.7%	95.9%	94.8%
\$20,000 - \$29,999	98.1%	99.4%	99.5%	98.8%	100.0%	98.7%	98.9%	99.4%	99.7%	97.1%	97.8%	99.6%	98.6%	99.1%
\$30,000 - \$39,999	99.1%	99.2%	100.0%	100.0%	98.5%	100.0%	100.0%	100.0%	100.0%	98.0%	99.4%	99.1%	98.9%	100.0%
\$40,000 or more	100.0%	98.4%	100.0%	100.0%	98.2%	100.0%	100.0%	99.4%	100.0%	100.0%	100.0%	100.0%	99.4%	99.4%
All Households	96.0%	93.8%	94.6%	96.2%	95.8%	96.8%	96.6%	96.8%	97.7%	97.4%	97.1%	97.9%	97.2%	96.4%
WYOMING														
\$9,999 or less	74.2%	84.6%	73.1%	85.6%	79.6%	84.3%	83.1%	84.0%	76.4%	85.5%	85.4%	86.2%	87.1%	89.5%
\$10,000 - \$19,999	86.0%	90.6%	92.6%	92.3%	91.1%	96.1%	95.0%	96.6%	95.6%	92.6%	91.5%	93.6%	96.1%	93.9%
\$20,000 - \$29,999	91.7%	91.8%	96.6%	94.8%	99.3%	100.0%	97.0%	98.1%	96.0%	96.8%	96.0%	94.0%	99.2%	97.7%
\$30,000 - \$39,999	100.0%	96.9%	96.0%	98.4%	100.0%	100.0%	100.0%	98.9%	98.8%	98.7%	97.1%	96.4%	98.8%	97.5%
\$40,000 or more	98.0%	97.3%	99.2%	98.8%	98.2%	97.9%	100.0%	100.0%	100.0%	98.8%	98.3%	98.5%	99.1%	98.8%
All Households	89.2%	92.2%	90.7%	93.5%	93.5%	95.4%	95.3%	95.5%	92.8%	94.1%	92.9%	93.6%	95.5%	94.9%
UNITED STATES TOTAL														
\$9,999 or less	80.1%	80.0%	80.5%	80.8%	81.4%	81.9%	82.9%	83.4%	83.7%	84.8%	85.7%	85.1%	85.4%	86.0%
\$10,000 - \$19,999	90.8%	90.5%	91.3%	90.9%	91.5%	91.6%	91.9%	92.3%	93.2%	93.7%	93.2%	93.7%	93.0%	93.0%
\$20,000 - \$29,999	95.9%	95.7%	95.3%	96.1%	96.5%	96.3%	96.3%	96.9%	96.9%	97.1%	96.2%	96.2%	96.5%	96.5%
\$30,000 - \$39,999	98.3%	98.1%	97.9%	98.0%	98.0%	98.4%	98.4%	98.7%	98.7%	98.5%	97.6%	98.0%	97.6%	97.6%
\$40,000 or more	98.8%	98.9%	98.9%	99.0%	99.1%	99.1%	99.0%	99.2%	99.2%	99.3%	98.8%	98.6%	98.5%	98.2%
All Households	91.8%	91.8%	92.2%	92.5%	92.9%	93.1%	93.4%	93.7%	93.9%	94.2%	93.9%	93.9%	93.9%	94.0%
Equivalent in Current Dollars														
1984 Dollars														
\$10,000	\$10,000	\$10,370	\$10,604	\$10,926	\$11,354	\$11,920	\$12,514	\$13,158	\$13,578	\$13,996	\$14,347	\$14,756	\$15,175	\$15,595
\$20,000	\$20,000	\$20,740	\$21,208	\$21,852	\$22,708	\$23,840	\$25,028	\$26,316	\$27,156	\$27,992	\$28,694	\$29,512	\$30,350	\$31,190
\$30,000	\$30,000	\$31,110	\$31,812	\$32,778	\$34,062	\$35,760	\$37,542	\$39,474	\$40,734	\$41,988	\$43,041	\$44,268	\$45,525	\$46,785
\$40,000	\$40,000	\$41,480	\$42,416	\$43,704	\$45,416	\$47,680	\$50,056	\$52,632	\$54,312	\$55,984	\$57,388	\$59,024	\$60,700	\$62,380

\* Current dollar equivalents are at the end of Table 6.9



TABLE 6.10  
CRITICAL VALUES FOR DETERMINING SIGNIFICANT DIFFERENCES BY STATE

	In Unit	Available
UNITED STATES	0.5%	0.5%
ALABAMA	3.7%	3.5%
ALASKA	5.4%	4.6%
ARIZONA	4.6%	4.4%
ARKANSAS	5.9%	4.8%
CALIFORNIA	1.6%	1.4%
COLORADO	3.3%	3.0%
CONNECTICUT	2.8%	1.8%
DELAWARE	3.2%	2.7%
DIST OF COLUMBIA	3.8%	2.8%
FLORIDA	2.9%	2.8%
GEORGIA	5.0%	4.6%
HAWAII	2.7%	2.0%
IDAHO	4.2%	3.4%
ILLINOIS	2.1%	1.8%
INDIANA	3.4%	2.7%
IOWA	3.0%	2.3%
KANSAS	2.5%	2.3%
KENTUCKY	5.4%	4.9%
LOUISIANA	4.3%	3.8%
MAINE	3.8%	3.3%
MARYLAND	3.2%	2.7%
MASSACHUSETTS	2.5%	2.3%
MICHIGAN	2.6%	2.2%
MINNESOTA	2.7%	2.4%
MISSISSIPPI	5.2%	4.7%
MISSOURI	3.6%	2.9%
MONTANA	5.3%	4.3%
NEBRASKA	3.3%	3.0%
NEVADA	5.0%	4.3%
NEW HAMPSHIRE	4.0%	3.4%
NEW JERSEY	2.4%	2.1%
NEW MEXICO	5.8%	4.5%
NEW YORK	2.1%	1.9%
NORTH CAROLINA	4.0%	3.5%
NORTH DAKOTA	3.8%	3.5%
OHIO	2.2%	1.9%
OKLAHOMA	3.9%	3.6%
OREGON	3.5%	3.0%
PENNSYLVANIA	1.6%	1.3%
RHODE ISLAND	3.0%	2.5%
SOUTH CAROLINA	6.3%	5.4%
SOUTH DAKOTA	3.7%	3.5%
TENNESSEE	5.0%	4.3%
TEXAS	2.6%	2.3%
UTAH	4.7%	4.6%
VERMONT	5.3%	4.6%
VIRGINIA	4.0%	3.5%
WASHINGTON	4.1%	3.9%
WEST VIRGINIA	4.5%	4.0%
WISCONSIN	3.2%	3.0%
WYOMING	4.7%	3.9%

**TABLE 6.11**  
**CRITICAL VALUES FOR DETERMINING SIGNIFICANT DIFFERENCES BY INCOME**

	<b>TOTAL</b>		<b>WHITE</b>		<b>BLACK</b>		<b>HISPANIC ORIGIN</b>	
	<b>In Unit</b>	<b>Available</b>	<b>In Unit</b>	<b>Available</b>	<b>In Unit</b>	<b>Available</b>	<b>In Unit</b>	<b>Available</b>
<b>TOTAL</b>	0.5%	0.5%	0.6%	0.5%	2.2%	2.0%	4.9%	4.5%
<b>UNDER \$5,000</b>	1.3%	1.3%	1.6%	1.4%	3.5%	3.3%	9.4%	9.0%
<b>\$5,000 - \$7,499</b>	1.7%	1.5%	1.8%	1.6%	5.6%	5.1%	11.8%	11.0%
<b>\$7,500 - \$9,999</b>	1.9%	1.7%	2.0%	1.8%	7.2%	6.5%	14.6%	13.5%
<b>\$10,000 - \$12,499</b>	1.9%	1.6%	1.9%	1.7%	7.3%	6.5%	16.2%	14.9%
<b>\$12,500 - \$14,999</b>	2.1%	1.8%	2.1%	1.8%	8.7%	7.6%	18.4%	16.8%
<b>\$15,000 - \$17,499</b>	2.2%	1.9%	2.2%	2.0%	9.2%	8.2%	19.8%	18.0%
<b>\$17,500 - \$19,999</b>	2.3%	2.0%	2.3%	2.0%	10.7%	9.3%	20.5%	18.6%
<b>\$20,000 - \$24,999</b>	1.7%	1.5%	1.7%	1.5%	9.0%	7.7%	16.6%	15.0%
<b>\$25,000 - \$29,999</b>	1.9%	1.7%	1.9%	1.6%	10.9%	9.4%	21.8%	19.6%
<b>\$30,000 - \$34,999</b>	2.0%	1.7%	2.0%	1.7%	12.5%	10.7%	24.5%	21.9%
<b>\$35,000 - \$39,999</b>	2.4%	2.1%	2.4%	2.0%	15.4%	13.1%	28.4%	25.4%
<b>\$40,000 - \$49,999</b>	2.2%	1.9%	2.1%	1.8%	15.1%	12.8%	28.7%	25.6%
<b>\$50,000 - \$74,999</b>	2.3%	1.9%	2.2%	1.9%	16.3%	13.8%	32.3%	28.7%
<b>\$75,000 +</b>	3.5%	3.0%	3.3%	2.8%	44.6%	37.9%	54.4%	48.6%

**TABLE 6.12**  
**CRITICAL VALUES FOR DETERMINING SIGNIFICANT DIFFERENCES BY HOUSEHOLD SIZE**

	<b>TOTAL</b>		<b>WHITE</b>		<b>BLACK</b>		<b>HISPANIC ORIGIN</b>	
	<b>In Unit</b>	<b>Available</b>	<b>In Unit</b>	<b>Available</b>	<b>In Unit</b>	<b>Available</b>	<b>In Unit</b>	<b>Available</b>
<b>TOTAL</b>	0.5%	0.5%	0.6%	0.5%	2.2%	2.0%	4.9%	4.5%
<b>1 PERSON</b>	1.1%	1.0%	1.1%	1.0%	4.1%	3.7%	11.6%	10.9%
<b>2 - 3</b>	0.8%	0.7%	0.8%	0.7%	3.5%	3.0%	7.7%	7.0%
<b>4 - 5</b>	1.1%	1.0%	1.2%	1.0%	4.7%	4.1%	9.1%	8.2%
<b>6 +</b>	2.6%	2.2%	2.8%	2.4%	8.1%	7.2%	14.4%	13.0%

**TABLE 6.13**  
**CRITICAL VALUES FOR DETERMINING SIGNIFICANT DIFFERENCES BY HOUSEHOLDER'S AGE**

	<b>TOTAL</b>		<b>WHITE</b>		<b>BLACK</b>		<b>HISPANIC ORIGIN</b>	
	<b>In Unit</b>	<b>Available</b>	<b>In Unit</b>	<b>Available</b>	<b>In Unit</b>	<b>Available</b>	<b>In Unit</b>	<b>Available</b>
<b>TOTAL</b>	0.5%	0.5%	0.6%	0.5%	2.2%	2.0%	4.9%	4.5%
<b>15-24 YRS OLD</b>	1.6%	1.5%	1.7%	1.5%	6.0%	5.7%	11.1%	10.7%
<b>25-54 YRS OLD</b>	0.7%	0.6%	0.7%	0.6%	2.8%	2.5%	6.0%	5.4%
<b>55-59 YRS OLD</b>	2.1%	1.8%	2.1%	1.8%	9.0%	7.8%	21.1%	19.0%
<b>60-64 YRS OLD</b>	2.1%	1.8%	2.1%	1.8%	9.5%	8.2%	24.6%	22.1%
<b>65-69 YRS OLD</b>	2.3%	2.0%	2.3%	1.9%	10.5%	9.0%	30.7%	27.6%
<b>70-99 YRS OLD</b>	1.6%	1.4%	1.6%	1.4%	7.9%	6.7%	23.4%	21.1%

**TABLE 6.14**  
**CRITICAL VALUES FOR DETERMINING SIGNIFICANT DIFFERENCES BY LABOR FORCE STATUS**

	<b>TOTAL</b>		<b>WHITE</b>		<b>BLACK</b>		<b>HISPANIC ORIGIN</b>	
	<b>In Unit</b>	<b>Available</b>	<b>In Unit</b>	<b>Available</b>	<b>In Unit</b>	<b>Available</b>	<b>In Unit</b>	<b>Available</b>
<b>TOTAL CNP</b>	0.8%	0.7%	0.8%	0.7%	3.3%	2.9%	7.5%	6.8%
<b>EMPLOYED</b>	1.0%	0.9%	1.0%	0.9%	4.1%	3.5%	10.1%	9.1%
<b>UNEMPLOYED</b>	3.2%	2.9%	3.5%	3.1%	9.7%	8.7%	26.2%	24.1%
<b>NOT IN LABOR FORCE</b>	1.3%	1.1%	1.3%	1.1%	5.1%	4.5%	12.2%	11.1%

TABLE 6.15 - SAMPLE SIZES

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
ALABAMA														
\$9,999 or less	271	210	177	221	225	196	210	222	228	210	195	194	199	173
\$10,000 - \$19,999	274	233	155	174	167	212	185	187	193	189	189	178	172	180
\$20,000 - \$29,999	149	132	106	122	134	125	135	142	135	141	122	133	127	116
\$30,000 - \$39,999	111	87	65	95	75	82	83	84	93	85	80	75	65	99
\$40,000 or more	111	89	74	101	119	86	100	93	106	99	105	136	111	117
All Households	916	751	577	713	720	701	713	728	755	724	691	716	674	685
ALASKA														
\$9,999 or less	144	92	82	94	123	124	108	100	97	90	96	91	50	59
\$10,000 - \$19,999	155	155	140	157	126	167	137	149	166	154	129	98	97	95
\$20,000 - \$29,999	161	147	163	131	131	142	151	135	128	139	130	115	90	88
\$30,000 - \$39,999	104	115	140	116	102	114	107	116	112	117	106	92	85	87
\$40,000 or more	290	340	353	297	287	264	274	269	290	281	250	223	189	215
All Households	854	849	878	795	769	811	777	769	793	781	711	619	511	544
ARIZONA														
\$9,999 or less	192	173	120	118	112	127	130	147	123	144	132	157	179	207
\$10,000 - \$19,999	235	194	154	158	160	179	189	173	163	172	180	194	207	217
\$20,000 - \$29,999	198	172	139	120	150	134	160	149	129	126	131	161	386	147
\$30,000 - \$39,999	94	88	91	91	87	92	88	91	80	88	87	82	109	105
\$40,000 or more	122	116	123	139	143	138	143	133	136	117	126	153	144	150
All Households	841	743	627	626	652	670	710	693	631	647	656	747	771	826
ARKANSAS														
\$9,999 or less	230	263	223	238	223	220	225	220	229	234	210	191	199	198
\$10,000 - \$19,999	233	232	193	176	219	252	224	240	232	204	219	189	207	186
\$20,000 - \$29,999	136	147	144	138	155	155	147	156	140	155	144	121	126	129
\$30,000 - \$39,999	69	69	74	91	88	81	106	98	83	77	65	86	87	87
\$40,000 or more	71	72	70	86	92	89	85	86	97	98	79	89	96	72
All Households	739	783	704	729	777	797	787	800	781	768	717	676	715	672
CALIFORNIA														
\$9,999 or less	1,127	1,013	906	838	816	531	842	923	970	1,001	1,003	1,048	983	996
\$10,000 - \$19,999	1,386	1,252	1,032	1,006	1,073	675	1,061	1,150	1,160	1,116	1,059	1,029	1,016	1,007
\$20,000 - \$29,999	1,071	1,100	944	862	878	559	957	990	923	918	840	800	714	758
\$30,000 - \$39,999	711	756	685	721	707	465	713	688	669	638	537	519	551	562
\$40,000 or more	1,235	1,294	1,245	1,296	1,342	722	1,380	1,365	1,298	1,254	1,200	1,194	1,113	1,173
All Households	5,530	5,415	4,812	4,723	4,816	2,952	4,953	5,116	5,020	4,927	4,639	4,590	4,377	4,496
COLORADO														
\$9,999 or less	185	136	112	136	135	139	153	142	141	152	138	124	103	133
\$10,000 - \$19,999	254	186	128	137	153	176	171	159	178	184	171	153	153	161
\$20,000 - \$29,999	193	172	135	138	135	141	135	155	150	140	133	158	128	146
\$30,000 - \$39,999	157	135	117	98	91	86	82	94	90	107	102	119	122	122
\$40,000 or more	232	177	154	160	150	141	153	152	166	166	181	171	178	196
All Households	1,021	806	646	669	664	683	694	702	725	749	725	725	684	758

\* Current dollar equivalents are at the end of Table 5.9

TABLE 6.15 - SAMPLE SIZES

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
CONNECTICUT														
\$9,999 or less	110	102	99	90	105	65	60	80	60	90	85	95	85	97
\$10,000 - \$19,999	136	113	116	115	111	79	85	87	102	102	102	100	101	92
\$20,000 - \$29,999	119	128	121	97	96	111	86	108	94	92	105	75	91	85
\$30,000 - \$39,999	114	103	92	93	100	82	75	71	83	92	76	66	66	60
\$40,000 or more	177	201	229	197	191	183	219	193	171	173	164	168	155	161
All Households	656	647	657	592	603	520	525	539	510	549	532	504	498	495
DELAWARE														
\$9,999 or less	86	103	111	105	93	102	95	90	84	79	79	82	92	89
\$10,000 - \$19,999	137	147	139	123	104	129	120	133	114	102	110	93	126	109
\$20,000 - \$29,999	111	125	104	102	145	120	127	99	115	99	89	100	95	83
\$30,000 - \$39,999	92	96	83	79	77	98	91	69	73	89	72	66	77	65
\$40,000 or more	129	125	118	132	145	145	142	138	121	125	120	111	111	152
All Households	555	596	555	541	564	594	575	529	507	494	470	452	501	498
DISTRICT OF COLUMBIA														
\$9,999 or less	140	181	152	115	127	122	161	145	132	107	129	136	145	154
\$10,000 - \$19,999	145	135	163	169	140	135	136	118	128	133	124	131	139	124
\$20,000 - \$29,999	94	109	97	114	119	134	125	109	106	97	74	90	97	104
\$30,000 - \$39,999	73	64	69	67	83	63	68	56	54	52	47	66	60	57
\$40,000 or more	130	134	136	162	165	144	143	123	122	138	131	130	123	122
All Households	582	623	617	627	634	598	633	551	542	527	505	553	564	561
FLORIDA														
\$9,999 or less	549	614	595	597	610	681	673	703	649	709	744	660	666	638
\$10,000 - \$19,999	622	730	794	783	800	782	837	831	820	778	705	745	691	706
\$20,000 - \$29,999	422	506	544	589	599	623	640	646	586	584	556	486	506	468
\$30,000 - \$39,999	271	301	352	385	428	403	428	389	348	329	332	302	310	328
\$40,000 or more	290	395	490	564	587	648	584	537	529	511	525	530	445	468
All Households	2,154	2,546	2,775	2,918	3,024	3,137	3,162	3,106	2,932	2,911	2,862	2,723	2,618	2,608
GEORGIA														
\$9,999 or less	272	209	180	147	164	168	154	147	165	160	146	242	164	172
\$10,000 - \$19,999	274	217	161	162	157	146	153	159	148	148	149	290	175	209
\$20,000 - \$29,999	192	162	125	121	124	143	128	117	111	125	131	246	173	145
\$30,000 - \$39,999	133	108	89	96	98	88	86	85	81	73	79	152	103	108
\$40,000 or more	168	153	123	146	162	150	147	134	117	127	153	264	167	187
All Households	1,039	849	678	672	705	695	668	642	622	633	658	1,194	782	821
HAWAII														
\$9,999 or less	101	87	76	73	64	80	80	68	61	74	54	64	71	83
\$10,000 - \$19,999	120	108	109	119	105	108	106	100	110	81	99	84	82	83
\$20,000 - \$29,999	117	92	84	85	91	107	99	89	95	97	85	75	97	87
\$30,000 - \$39,999	110	88	75	76	81	84	74	67	60	76	77	72	61	58
\$40,000 or more	143	153	154	146	181	151	162	170	166	173	153	145	147	136
All Households	591	528	498	499	522	530	521	494	492	501	468	440	458	447

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.15 - SAMPLE SIZES

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
IDAHO														
\$9,999 or less	173	176	167	172	170	182	186	205	181	164	155	125	155	152
\$10,000 - \$19,999	248	210	217	206	224	187	202	213	193	200	200	193	167	168
\$20,000 - \$29,999	151	169	153	165	141	174	164	163	166	154	149	139	149	148
\$30,000 - \$39,999	93	99	96	96	88	87	87	109	73	96	104	91	92	101
\$40,000 or more	79	86	89	69	99	95	126	95	100	100	132	126	121	130
All Households	744	740	722	708	722	725	765	785	713	714	740	674	684	699
ILLINOIS														
\$9,999 or less	444	514	527	483	511	480	473	500	496	521	488	489	369	381
\$10,000 - \$19,999	504	501	495	498	474	491	504	504	556	550	516	519	418	399
\$20,000 - \$29,999	437	492	500	470	430	457	475	476	453	459	451	444	372	348
\$30,000 - \$39,999	311	325	356	365	347	343	374	364	336	346	320	310	257	289
\$40,000 or more	456	471	527	522	593	605	616	591	578	551	540	627	582	574
All Households	2,152	2,303	2,405	2,338	2,355	2,376	2,442	2,435	2,419	2,427	2,315	2,389	1,998	1,991
INDIANA														
\$9,999 or less	259	215	190	188	187	127	159	177	153	142	147	122	105	140
\$10,000 - \$19,999	273	247	237	215	245	187	177	158	173	178	171	172	182	163
\$20,000 - \$29,999	220	209	210	194	183	143	155	150	138	147	129	121	153	136
\$30,000 - \$39,999	151	140	140	120	116	110	98	81	84	93	90	60	81	103
\$40,000 or more	157	159	148	130	128	124	104	111	108	110	113	107	119	124
All Households	1,060	970	925	847	859	691	693	677	656	670	650	582	640	666
IOWA														
\$9,999 or less	228	191	172	161	169	158	167	176	158	169	174	138	128	113
\$10,000 - \$19,999	256	232	202	209	212	207	190	197	210	213	202	157	154	188
\$20,000 - \$29,999	199	168	159	165	163	162	168	183	183	176	141	134	142	127
\$30,000 - \$39,999	116	82	94	102	114	96	105	114	119	123	105	107	104	93
\$40,000 or more	140	146	103	111	94	121	119	123	113	102	110	118	119	122
All Households	939	819	730	748	752	744	749	793	783	783	732	654	647	643
KANSAS														
\$9,999 or less	171	138	158	149	150	140	166	154	153	146	151	160	159	139
\$10,000 - \$19,999	197	182	178	180	177	192	184	174	190	216	190	191	174	170
\$20,000 - \$29,999	173	161	135	163	148	141	145	168	172	163	131	136	117	107
\$30,000 - \$39,999	111	119	107	96	100	98	96	106	93	100	102	70	76	70
\$40,000 or more	96	141	147	146	143	144	168	154	139	149	134	127	134	144
All Households	748	741	725	734	718	715	759	756	747	774	708	684	660	630
KENTUCKY														
\$9,999 or less	214	204	209	197	185	207	184	190	215	247	219	187	159	174
\$10,000 - \$19,999	208	189	204	167	181	186	162	157	187	159	178	172	147	140
\$20,000 - \$29,999	164	142	113	142	130	108	127	124	123	120	109	107	131	106
\$30,000 - \$39,999	95	82	82	79	73	70	79	94	90	85	57	63	69	109
\$40,000 or more	103	88	86	84	97	101	100	99	103	113	120	115	117	112
All Households	784	705	694	669	666	672	652	664	718	724	683	644	623	641

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.15 - SAMPLE SIZES

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
LOUISIANA														
\$9,999 or less	259	210	169	171	177	176	193	188	165	169	153	194	177	179
\$10,000 - \$19,999	185	180	148	119	138	143	112	128	144	130	136	156	163	153
\$20,000 - \$29,999	126	135	115	96	83	102	109	97	100	101	93	110	131	126
\$30,000 - \$39,999	101	86	81	69	83	80	64	76	76	70	64	76	70	77
\$40,000 or more	120	112	121	119	111	85	92	89	94	83	90	102	91	113
All Households	791	723	634	574	592	586	570	578	579	553	536	638	632	648
MAINE														
\$9,999 or less	153	149	154	122	131	139	105	120	132	132	153	132	103	109
\$10,000 - \$19,999	197	181	147	154	161	133	165	163	148	132	157	132	130	130
\$20,000 - \$29,999	153	126	135	133	131	137	117	99	123	129	115	111	134	119
\$30,000 - \$39,999	108	97	77	74	87	98	78	90	85	89	73	57	72	82
\$40,000 or more	90	95	74	104	104	113	126	112	91	89	88	91	81	84
All Households	701	648	587	587	614	620	591	584	579	571	586	523	520	524
MARYLAND														
\$9,999 or less	129	140	140	126	108	75	91	86	85	91	70	102	92	94
\$10,000 - \$19,999	183	171	156	133	124	104	107	101	111	134	117	124	125	107
\$20,000 - \$29,999	183	151	153	142	131	95	123	111	115	93	101	93	102	94
\$30,000 - \$39,999	142	128	122	122	135	79	88	94	85	94	73	79	66	76
\$40,000 or more	302	311	276	240	262	202	190	187	175	173	164	158	184	180
All Households	939	901	847	763	760	555	599	579	571	585	525	556	569	551
MASSACHUSETTS														
\$9,999 or less	246	331	420	410	418	414	426	481	455	448	477	487	250	245
\$10,000 - \$19,999	293	378	420	412	412	395	383	414	437	431	415	429	230	247
\$20,000 - \$29,999	262	340	446	388	383	398	370	342	374	387	393	328	189	188
\$30,000 - \$39,999	197	278	371	346	347	311	303	335	323	317	293	328	143	159
\$40,000 or more	345	483	603	651	712	721	761	697	636	646	662	703	339	346
All Households	1,343	1,810	2,260	2,207	2,272	2,239	2,243	2,269	2,225	2,229	2,240	2,275	1,151	1,185
MICHIGAN														
\$9,999 or less	418	523	529	460	476	456	472	541	523	514	504	480	327	304
\$10,000 - \$19,999	408	445	527	474	465	454	510	547	536	562	534	519	349	366
\$20,000 - \$29,999	384	385	415	433	432	478	444	440	465	449	446	467	287	284
\$30,000 - \$39,999	273	302	337	332	328	341	368	352	340	325	318	332	224	250
\$40,000 or more	303	429	537	573	600	558	577	550	581	565	542	597	468	477
All Households	1,786	2,084	2,345	2,272	2,301	2,287	2,371	2,430	2,445	2,415	2,344	2,395	1,655	1,681
MINNESOTA														
\$9,999 or less	201	165	154	130	131	137	120	118	137	149	134	135	123	117
\$10,000 - \$19,999	255	212	161	142	131	134	130	145	164	154	134	145	158	147
\$20,000 - \$29,999	225	175	141	121	124	125	125	118	138	134	138	122	126	126
\$30,000 - \$39,999	197	140	110	94	120	99	86	86	86	95	90	80	96	110
\$40,000 or more	210	192	152	157	153	141	153	153	120	149	156	151	182	176
All Households	1,088	884	718	644	659	636	614	620	645	681	652	633	685	676

\* Current dollar equivalents are at the end of Table 5.9

TABLE 6.15 - SAMPLE SIZES

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
MISSISSIPPI														
\$9,999 or less	296	259	254	259	240	249	264	267	285	294	251	207	184	181
\$10,000 - \$19,999	201	222	212	192	205	199	196	218	202	198	200	182	160	158
\$20,000 - \$29,999	148	125	124	113	121	127	139	125	129	131	115	106	106	118
\$30,000 - \$39,999	70	66	67	82	82	81	100	78	83	78	85	70	70	56
\$40,000 or more	79	77	84	84	87	89	80	74	71	95	96	90	75	99
All Households	794	749	741	730	735	745	779	762	770	796	747	655	595	612
MISSOURI														
\$9,999 or less	266	249	197	189	188	174	148	156	192	188	171	130	110	120
\$10,000 - \$19,999	294	257	238	214	197	183	173	172	142	171	154	147	149	162
\$20,000 - \$29,999	182	198	193	145	162	114	132	126	128	123	123	129	122	113
\$30,000 - \$39,999	130	134	131	119	114	91	84	79	81	98	96	79	90	92
\$40,000 or more	173	171	148	148	147	120	121	112	114	114	97	83	115	125
All Households	1,045	1,009	907	815	808	682	658	645	657	694	641	568	586	612
MONTANA														
\$9,999 or less	230	185	207	201	233	192	207	210	186	168	182	173	165	161
\$10,000 - \$19,999	220	201	203	227	210	221	206	232	216	232	225	220	210	210
\$20,000 - \$29,999	180	143	139	154	152	167	153	160	142	148	145	152	141	136
\$30,000 - \$39,999	104	98	97	90	91	99	121	90	82	99	84	84	72	72
\$40,000 or more	96	102	131	125	106	94	106	101	113	108	121	111	104	109
All Households	830	729	777	797	792	773	793	793	739	755	757	740	692	688
NEBRASKA														
\$9,999 or less	202	164	167	158	160	156	170	166	163	163	147	128	153	140
\$10,000 - \$19,999	192	209	193	206	204	206	201	199	204	205	191	193	157	170
\$20,000 - \$29,999	155	171	166	158	161	166	147	165	176	175	179	139	147	136
\$30,000 - \$39,999	93	104	99	100	107	100	113	115	126	128	106	96	78	95
\$40,000 or more	109	117	104	106	117	121	130	118	113	125	129	131	119	122
All Households	751	765	729	728	749	749	761	763	782	796	752	687	654	663
NEVADA														
\$9,999 or less	98	88	114	77	97	94	100	124	112	120	100	120	115	83
\$10,000 - \$19,999	143	147	135	138	153	144	159	161	185	152	136	137	142	156
\$20,000 - \$29,999	135	118	101	122	129	143	160	152	139	149	145	118	107	140
\$30,000 - \$39,999	114	104	87	82	94	87	105	107	93	101	89	98	94	77
\$40,000 or more	123	120	106	128	124	134	126	158	166	126	145	141	131	155
All Households	613	577	543	547	597	602	650	702	695	648	615	614	589	611
NEW HAMPSHIRE														
\$9,999 or less	104	86	61	65	63	83	77	58	79	74	66	77	80	77
\$10,000 - \$19,999	135	116	111	97	112	81	84	74	81	85	91	121	98	116
\$20,000 - \$29,999	120	111	107	102	100	99	94	83	88	108	98	82	108	86
\$30,000 - \$39,999	86	86	69	82	93	85	85	83	63	82	71	79	64	69
\$40,000 or more	94	107	103	134	149	147	166	136	132	129	109	111	128	115
All Households	539	506	451	480	517	495	506	434	443	478	435	470	478	463

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.15 - SAMPLE SIZES

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
NEW JERSEY														
\$9,999 or less	300	353	375	409	389	355	359	387	433	453	447	432	284	256
\$10,000 - \$19,999	311	363	432	398	398	396	429	406	452	465	442	426	250	292
\$20,000 - \$29,999	292	335	384	384	362	382	351	438	385	395	389	364	247	205
\$30,000 - \$39,999	206	302	377	349	366	346	372	335	317	307	318	345	226	231
\$40,000 or more	382	563	739	740	741	793	821	820	834	775	790	771	481	522
All Households	1,491	1,916	2,307	2,280	2,256	2,272	2,332	2,386	2,421	2,395	2,386	2,338	1,488	1,506
NEW MEXICO														
\$9,999 or less	250	232	202	208	206	242	231	203	225	216	192	233	287	295
\$10,000 - \$19,999	219	214	221	246	249	257	247	235	199	189	203	211	227	263
\$20,000 - \$29,999	163	162	148	154	155	165	175	155	153	126	112	149	152	144
\$30,000 - \$39,999	102	101	102	94	84	80	87	91	106	110	96	100	89	91
\$40,000 or more	129	150	132	112	111	108	137	124	122	117	122	117	112	124
All Households	863	859	805	814	805	852	877	808	805	758	725	810	867	917
NEW YORK														
\$9,999 or less	1,044	1,025	1,028	995	971	628	1,000	1,083	1,111	1,067	1,072	1,107	909	899
\$10,000 - \$19,999	800	914	950	870	885	553	877	879	878	941	907	878	751	715
\$20,000 - \$29,999	663	740	726	745	708	487	766	792	741	704	681	673	559	533
\$30,000 - \$39,999	493	498	542	569	541	376	584	605	560	546	517	447	407	438
\$40,000 or more	676	825	956	947	1,007	677	1,213	1,077	1,049	971	931	959	779	804
All Households	3,676	4,002	4,202	4,126	4,112	2,721	4,440	4,436	4,339	4,229	4,108	4,064	3,405	3,389
NORTH CAROLINA														
\$9,999 or less	255	434	551	576	575	542	572	563	583	567	530	512	278	261
\$10,000 - \$19,999	294	458	561	588	589	607	611	632	633	619	600	511	288	314
\$20,000 - \$29,999	237	346	474	478	441	471	484	464	444	437	429	390	221	249
\$30,000 - \$39,999	154	220	284	314	323	321	356	329	331	334	314	261	156	191
\$40,000 or more	132	266	368	359	402	422	445	401	398	443	405	390	249	290
All Households	1,072	1,724	2,238	2,315	2,330	2,363	2,468	2,389	2,389	2,400	2,278	2,064	1,192	1,305
NORTH DAKOTA														
\$9,999 or less	187	196	173	180	195	175	167	187	195	168	180	173	161	158
\$10,000 - \$19,999	185	206	196	206	213	220	219	217	221	227	237	197	172	162
\$20,000 - \$29,999	157	171	153	153	179	165	176	168	170	177	157	145	116	148
\$30,000 - \$39,999	102	100	113	127	117	115	110	104	97	78	100	94	94	84
\$40,000 or more	108	110	106	97	109	114	97	103	97	107	119	92	91	89
All Households	739	783	741	763	813	789	769	779	780	757	793	701	634	641
OHIO														
\$9,999 or less	462	501	479	495	509	518	503	533	554	541	543	548	378	397
\$10,000 - \$19,999	531	546	540	555	577	544	608	644	636	639	641	578	438	439
\$20,000 - \$29,999	485	503	491	491	522	509	504	493	505	521	461	477	306	316
\$30,000 - \$39,999	308	357	376	355	360	384	366	365	371	400	353	317	268	247
\$40,000 or more	373	404	486	497	521	519	551	570	503	521	543	516	442	423
All Households	2,159	2,311	2,372	2,393	2,489	2,474	2,532	2,605	2,569	2,622	2,541	2,436	1,832	1,822



TABLE 6.15 - SAMPLE SIZES

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
OKLAHOMA														
\$9,999 or less	228	189	196	170	189	184	178	177	212	219	223	217	213	219
\$10,000 - \$19,999	245	214	202	189	180	169	187	214	182	197	189	203	214	212
\$20,000 - \$29,999	159	151	167	128	131	130	115	137	131	125	156	134	127	136
\$30,000 - \$39,999	113	106	105	78	87	71	80	82	100	91	85	95	81	93
\$40,000 or more	144	155	127	124	119	128	131	111	116	121	108	119	118	125
All Households	889	815	797	689	706	682	691	721	741	753	761	768	753	785
OREGON														
\$9,999 or less	181	137	123	126	134	107	119	129	135	136	122	131	112	115
\$10,000 - \$19,999	197	196	150	133	124	143	157	161	169	152	152	167	150	163
\$20,000 - \$29,999	184	135	108	142	133	131	132	140	135	108	132	128	136	129
\$30,000 - \$39,999	111	95	76	85	87	98	94	84	95	102	74	93	94	78
\$40,000 or more	118	122	104	99	103	110	108	127	121	141	143	123	131	133
All Households	791	685	561	585	581	589	610	641	655	639	623	642	623	618
PENNSYLVANIA														
\$9,999 or less	575	602	533	494	539	493	513	549	560	590	563	547	456	445
\$10,000 - \$19,999	564	656	652	625	585	608	590	648	612	626	604	609	470	494
\$20,000 - \$29,999	488	475	500	497	509	493	488	522	500	482	479	491	413	387
\$30,000 - \$39,999	297	321	358	326	353	354	361	352	387	332	311	339	307	276
\$40,000 or more	369	410	470	469	493	508	554	513	509	520	519	522	473	491
All Households	2,293	2,464	2,513	2,411	2,479	2,456	2,506	2,584	2,568	2,550	2,476	2,508	2,119	2,093
RHODE ISLAND														
\$9,999 or less	147	141	115	101	97	107	104	88	116	121	119	118	143	141
\$10,000 - \$19,999	143	129	109	110	117	109	121	121	115	127	111	125	103	88
\$20,000 - \$29,999	124	127	109	105	100	90	109	105	106	109	99	101	106	114
\$30,000 - \$39,999	96	82	82	85	89	81	86	63	72	69	80	72	87	73
\$40,000 or more	95	98	99	117	119	145	125	123	106	100	116	113	103	111
All Households	605	577	514	518	522	532	545	500	515	526	525	529	542	527
SOUTH CAROLINA														
\$9,999 or less	178	151	183	186	163	192	228	171	183	179	201	147	133	105
\$10,000 - \$19,999	178	159	168	172	177	174	204	173	181	184	174	147	131	132
\$20,000 - \$29,999	132	121	115	144	140	160	141	164	129	136	121	99	82	107
\$30,000 - \$39,999	68	81	78	90	115	111	109	102	105	105	67	69	60	66
\$40,000 or more	66	104	135	138	144	147	142	148	142	126	137	118	99	112
All Households	622	616	679	730	739	784	824	758	740	730	700	580	505	522
SOUTH DAKOTA														
\$9,999 or less	253	232	225	232	222	196	218	189	199	229	223	189	175	179
\$10,000 - \$19,999	249	218	260	255	248	234	203	247	257	242	232	203	180	187
\$20,000 - \$29,999	185	190	169	182	184	158	185	167	171	196	182	161	149	150
\$30,000 - \$39,999	85	104	90	104	98	91	98	114	98	105	105	94	69	70
\$40,000 or more	99	96	96	91	118	129	109	95	94	107	115	121	113	98
All Households	871	840	840	864	870	808	813	812	819	879	857	768	686	684

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.15 - SAMPLE SIZES

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
TENNESSEE														
\$9,999 or less	256	249	194	212	198	199	213	190	213	216	216	173	153	172
\$10,000 - \$19,999	229	214	201	188	180	196	164	212	219	223	197	174	186	159
\$20,000 - \$29,999	154	141	123	134	143	133	132	129	145	140	141	142	118	120
\$30,000 - \$39,999	96	94	72	73	79	79	86	81	89	94	77	72	84	98
\$40,000 or more	107	111	78	87	110	115	105	104	114	103	95	105	96	106
All Households	842	809	668	694	710	722	700	716	780	776	726	666	637	655
TEXAS														
\$9,999 or less	698	703	687	714	735	782	801	721	755	770	744	709	667	627
\$10,000 - \$19,999	787	785	750	734	759	800	813	818	796	787	810	717	668	699
\$20,000 - \$29,999	602	637	552	550	509	612	562	601	571	521	502	490	491	481
\$30,000 - \$39,999	410	390	404	379	429	345	387	377	334	342	331	314	304	317
\$40,000 or more	605	606	615	597	586	567	567	547	517	538	554	565	531	559
All Households	3,102	3,121	3,008	2,974	3,018	3,106	3,130	3,064	2,973	2,958	2,941	2,795	2,661	2,683
UTAH														
\$9,999 or less	165	119	84	93	92	103	92	109	135	95	75	110	77	74
\$10,000 - \$19,999	221	165	154	150	170	171	157	169	169	132	145	141	167	177
\$20,000 - \$29,999	208	155	131	150	135	133	144	147	129	136	125	131	142	135
\$30,000 - \$39,999	109	97	78	93	94	102	108	94	80	94	100	89	107	102
\$40,000 or more	131	132	119	123	127	97	131	121	104	120	121	133	125	136
All Households	834	668	566	609	618	606	632	640	617	577	566	604	618	624
VERMONT														
\$9,999 or less	132	106	81	101	108	84	75	90	111	79	88	89	99	112
\$10,000 - \$19,999	175	140	111	131	134	120	115	127	120	110	112	119	131	134
\$20,000 - \$29,999	114	109	106	112	104	110	111	101	94	106	104	94	110	92
\$30,000 - \$39,999	89	85	79	82	82	72	81	67	67	70	56	74	71	88
\$40,000 or more	78	80	112	99	106	116	109	106	100	67	82	112	96	81
All Households	588	520	489	525	534	502	491	491	492	432	442	488	507	507
VIRGINIA														
\$9,999 or less	167	154	134	122	137	138	152	144	120	120	124	171	132	132
\$10,000 - \$19,999	237	214	163	167	173	164	169	180	175	157	172	252	169	169
\$20,000 - \$29,999	215	190	143	165	173	142	148	166	153	151	126	218	135	139
\$30,000 - \$39,999	163	137	132	123	98	112	111	139	111	126	108	183	86	96
\$40,000 or more	267	240	202	239	263	264	283	226	217	215	214	357	195	211
All Households	1,049	935	774	816	844	820	863	855	776	769	744	1,181	717	747
WASHINGTON														
\$9,999 or less	160	126	114	123	122	97	104	109	108	105	109	129	111	116
\$10,000 - \$19,999	229	182	156	138	154	154	176	185	155	145	135	174	152	169
\$20,000 - \$29,999	210	171	129	133	131	139	143	152	137	149	123	130	124	105
\$30,000 - \$39,999	136	117	95	100	107	120	131	125	102	82	96	75	87	86
\$40,000 or more	170	167	143	153	151	167	175	155	170	157	160	155	155	167
All Households	905	763	637	647	665	677	729	726	672	638	623	663	629	643

\* Current dollar equivalents are at the end of Table 6.9

TABLE 6.15 - SAMPLE SIZES

Total Household Income in March 1984 Dollars *	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
WEST VIRGINIA														
\$9,999 or less	216	203	235	243	238	227	207	207	217	245	219	223	214	224
\$10,000 - \$19,999	205	201	215	191	191	207	217	200	213	214	208	195	195	181
\$20,000 - \$29,999	126	132	111	129	131	131	134	134	130	110	132	125	127	119
\$30,000 - \$39,999	74	78	76	76	71	71	83	91	84	69	64	76	68	68
\$40,000 or more	68	75	69	67	73	84	89	76	81	68	74	79	98	96
All Households	689	689	706	706	704	720	730	708	725	706	697	698	702	688
WISCONSIN														
\$9,999 or less	175	221	172	161	157	135	154	163	141	158	158	119	108	130
\$10,000 - \$19,999	246	191	192	163	184	174	197	209	216	196	196	170	145	150
\$20,000 - \$29,999	191	154	171	179	142	164	180	172	178	173	149	159	151	140
\$30,000 - \$39,999	144	117	121	123	130	130	128	137	136	137	134	105	133	113
\$40,000 or more	149	126	128	157	167	169	169	169	160	191	162	167	179	196
All Households	905	809	784	783	780	772	828	850	831	855	799	720	716	729
WYOMING														
\$9,999 or less	106	101	119	99	94	103	87	111	109	102	114	120	150	138
\$10,000 - \$19,999	145	131	140	107	102	127	131	120	138	137	118	150	167	180
\$20,000 - \$29,999	140	133	82	83	92	96	110	113	118	108	90	114	119	118
\$30,000 - \$39,999	81	91	81	74	80	85	84	84	89	75	76	105	90	90
\$40,000 or more	97	113	106	88	114	97	106	94	82	95	78	109	112	105
All Households	569	569	528	451	482	508	518	522	536	517	476	598	638	631
UNITED STATES TOTAL														
\$9,999 or less	13,633	13,345	12,825	12,530	12,661	11,801	12,676	13,007	13,224	13,325	13,015	12,867	11,130	11,103
\$10,000 - \$19,999	14,753	14,478	13,991	13,578	13,729	13,014	13,841	14,240	14,329	14,174	13,768	13,540	11,833	11,998
\$20,000 - \$29,999	11,789	11,789	11,303	11,263	11,185	10,831	11,527	11,637	11,289	11,169	10,631	10,513	9,271	9,061
\$30,000 - \$39,999	7,968	8,053	8,176	8,157	8,326	7,637	8,337	8,182	7,875	7,910	7,342	7,275	6,482	6,714
\$40,000 or more	10,536	11,609	12,198	12,457	13,074	12,052	13,560	12,863	12,502	12,392	12,323	12,746	10,966	11,435
All Households	58,679	59,274	58,493	57,985	58,975	55,335	59,941	59,929	59,219	58,970	57,079	56,941	49,682	50,311

\* Current dollar equivalents are at the end of Table 6.9



## 7. Rates and Price Indices

This section contains information on telephone price indices and rate levels.<sup>1</sup> It describes and presents a series of price indices maintained by the Bureau of Labor Statistics (BLS). It also discusses rate levels and changes in average rate levels.

### A. Telephone Service Price Indices

The BLS collects a variety of information on telephone service as part of three separate programs -- the Consumer Price Index (CPI), the Producer Price Index (PPI), and the Consumer Expenditure Survey. They can be found on the internet at <http://www.bls.gov/datahome.htm> on the World Wide Web. The monthly price indices represent prices sampled in the middle of the month.

A Consumer Price Index for telephone services was first published in 1935.<sup>2</sup> Since that time, telephone prices have tended to increase at a slower pace than most other prices. Table 7.1 shows long-run changes in the Consumer Price Indices for all items, all services, telephone services, each of the seven major categories that currently constitute the overall CPI, and several services that are often characterized as public utilities. The price of telephone service has increased less rapidly than the prices of most of these categories when viewed over a long period of time.

The CPI index of telephone services is based on a "market basket" intended to represent the telephone-related expenditures of a typical urban household. It includes both local and long distance services. The annual rate of change during recent years is shown in Table 7.2 for the overall CPI (which measures the impact of inflation on consumers), and the CPI for telephone services. In addition, Table 7.2 shows the Gross Domestic Product chain-type price index (which reflects inflation throughout the economy) prepared by the Bureau of Economic Analysis.

For 1997 the nation's overall level of prices (measured by the CPI for all items) rose by 1.7%. The CPI for telephone services rose by 0.2% during 1997. The CPI for telephone services is composed of three subindices. During 1997, the local service component (including subscriber line charges) rose by 1.0%, while the price index for interstate toll calls fell by 4.3%, and the price index for state toll calls rose by 2.0%.

The Bureau of Labor Statistics publishes a number of price indices related to local telephone service, two of which are important to the monitoring program. The CPI index of local telephone charges is based on a broadly defined "market basket" of local services that includes

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1 For more detailed information, see *Reference Book of Rates, Price Indices, and Household Expenditures for Telephone Service*, published by the FCC's Industry Analysis Division in July 1998.

2 BLS publishes two sets of Consumer Price Indices. The CPI-U, used herein, is based on expenditures of all urban consumers. The CPI-W series is based on expenditures of urban wage earners and clerical workers.

monthly service charges, message unit charges, leased equipment, installation, service enhancements (such as tone dialing and call waiting), taxes, subscriber line charges, and all other consumer expenditures associated with local telephone services except long distance charges. In contrast, the PPI index of monthly residential rates is much more narrowly defined. It is based only on monthly service charges for residential service, optional tone dialing service, and subscriber line charges. It excludes taxes and all other telephone service charges. The annual rates of change for these two indices are presented in Table 7.3.

CPI data are available for intrastate toll and interstate toll services since December 1977. Table 7.3 also presents the annual changes in these series for recent years.

Price indices are less reliable when industries are changing rapidly. For example, in 1992, long distance carriers began to increase basic long distance rates while at the same time greatly expanding their range of discount offerings. The fixed market basket of toll calls measured for the CPI did not fully reflect these discounts. In 1998, the CPI for telephone services was altered to include cellular telephone services, making the new index not directly comparable to prior years. In 1995, BLS made major changes to the PPI telephone series, and there are no data after July 1995 comparable with prior data. At that time the BLS introduced revenue-weighted telephone price indices. The new indices categorize the telephone industry into much finer detail, though the new series are not comparable to the old in many categories. Because of these sorts of difficulties, measures of average revenues are sometimes used as alternatives to price indices.

Monthly data for the CPI telephone indices are shown in Table 7.4. Monthly data for the new CPI indices are shown in Table 7.5, and the current PPI indices are shown in Table 7.6.<sup>3</sup>

#### B. Information on Rate Levels

Local rates are regulated by state regulatory agencies and vary greatly from area to area. Characterization of any rate as "typical" is therefore difficult. Table 7.7 presents average local residential rates in urban areas. The price indices published by the BLS indicate percentage changes in the price of the telephone services. The BLS does not publish the actual level of rates. The averages shown in Table 7.7 are based on a FCC survey using the same sampling areas and weights used by the BLS in constructing the Consumer Price Index.<sup>4</sup> In October 1997, the national average for the representative total residential service charge<sup>5</sup> was \$19.92 monthly. The average charge for connecting new phone service was \$43.68.

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3 The discontinued Producer Price Indices through July 1995 can be found in Table 5.6 of the May 1997 Monitoring Report in CC Docket No. 87-339.

4 For a discussion of methodology, see *Reference Book of Rates, Price Indices, and Household Expenditures for Telephone Service*, published by the FCC's Industry Analysis Division in March 1997.

5 This rate is based upon flat-rate service where available, and measured/message service with 100 five-minute, same-zone business-day calls elsewhere.

Table 7.8 presents average monthly local rates for single-line business customers in urban areas. Like the residential rates presented above, they are based on a FCC survey using the same sampling areas and weights used by the BLS in constructing the Consumer Price Index. In October 1997, the representative average monthly charge<sup>6</sup> was \$41.65, while the average charge for connecting phone service was \$73.18.

The Rural Utilities Service (RUS)<sup>7</sup> is an agency of the Department of Agriculture. RUS, through its telecommunications lending program, finances the construction of telecommunications infrastructure in rural America. In performing its loan monitoring and servicing functions, it collects information about the telephone companies that are its borrowers. Included in the information collected are the rates RUS borrowers charge business and residential customers. RUS can be found on the internet at <http://www.usda.gov/rus/> on the World Wide Web. Table 7.9 presents the national average rates of RUS customers from 1994 through 1996. These rates do not include subscriber line charges, surcharges, 911 charges, or taxes. In addition, they do not include any charges that may be imposed on customers that are more than a certain distance from the telephone company's central office. These mileage charges can be substantial.

In Table 7.10, AT&T's basic schedule prices for directly dialed interstate long distance calls are shown for January 1984 and June 1998. Higher charges apply to other types of calls, such as those using operator assistance. Lower prices are available through calling plans and other volume discounts. In 1993, AT&T first began to charge different rates to residential and business customers. Since 1984, AT&T's basic schedule charges for directly dialed interstate calls have been reduced by about 30% for residential callers and 20% for business callers.

Table 7.11 contains average revenue per minute for interstate calls. From 1984 to 1994, AT&T's average revenue per minute declined from 32 cents per minute to 18 cents per minute -- a drop of over 40%. Table 7.11 also shows revenue-per-minute estimates calculated by the FCC staff for all carriers. These estimates show that billed revenue per minute has continued to decline for both international and domestic services.

### C. Subscriber Line and Access Charges

Long distance companies rely on the loops, switches, and transport facilities of local telephone companies for access to their customers. As a result, local telephone companies recover a portion of their costs from long distance companies accessing their networks. Both the manner in which these access charges have been assessed and the proportion of the costs they have recovered have varied considerably over time.

In the early 1980s, AT&T provided about three-quarters of the nation's local telephone service and almost all interstate long distance service. Because revenue sharing was largely an internal process for AT&T, it was able to charge prices above cost for long distance calls and

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6 This rate is based upon flat-rate service where available, and measured/message service with 200 five-minute, same-zone business-day calls elsewhere.

7 Formerly known as the Rural Electrification Administration (REA).

share the revenues with local telephone companies. These transfers, while reducing the pressures on the local companies to raise monthly rates, contributed to inefficiently high long distance rates. The high rates were responsible for suppressing demand for long distance calls and inducing large corporations to bypass the public switched network. Moreover, while such revenue sharing arrangements were sustainable in an industry where one firm monopolized both long distance and local service, they were not compatible with a competitive long distance industry.

In mid-1984 the FCC, in cooperation with a Federal-State Joint Board composed of both federal and state regulators, introduced sweeping changes to the way that interstate telephone services were priced. The historic method of sharing revenues was replaced with a new system of access charges that provided a uniform method for local telephone companies to charge for the origination and termination of interstate traffic on their local networks. In particular, monthly subscriber line charges (SLCs) were introduced to recover a portion of the fixed costs of the local telephone companies loops directly from end users on a per-line basis. Since local telephone companies were required to reduce their charges to long distance carriers -- dollar for dollar -- as SLCs were introduced, they reduced the implicit subsidy from long distance use to local service. The rebalancing of prices between local service and interstate long distance calls during the 1980s had a fundamental impact on the telephone industry as the price of long distance service fell and the volume of long distance calling surged.

In mid-1997, as part of its implementation of the 1996 Telecommunications Act, the FCC introduced further interstate access charge reform. Presubscribed interexchange carrier charges (PICCs) were created in order to allow local carriers to recover the remaining portion of their fixed loop costs from long distance carriers on a per-line, instead of a per-minute, basis. Flat cost recovery on a per-line basis not only eliminates the remaining inefficiency in the pricing of long distance access, but allows local companies to recover costs in a competitively neutral manner, consistent with the goals of the 1996 Act.

Average monthly SLCs and PICCs are shown in Table 7.12, and average per-minute rates charged to long distance carriers are shown in Table 7.13. Both tables report historical averages for all local exchange carriers (LECs) that file access tariffs subject to price-cap regulation and LECs in the National Exchange Carrier Association (NECA) pool. These LECs control over 98% of the industry's regulated access lines. Current per-line charges and per-minute charges are reported for each of the carriers in Tables 7.14 and 7.15, respectively.

The averages in Table 7.13 clearly illustrate the effectiveness of access reform in reducing the prices long distance carriers pay per minute for access to the local telephone companies' networks. Per-minute access prices have continually decreased over time, a trend that continues with implementation of the 1997 reforms.



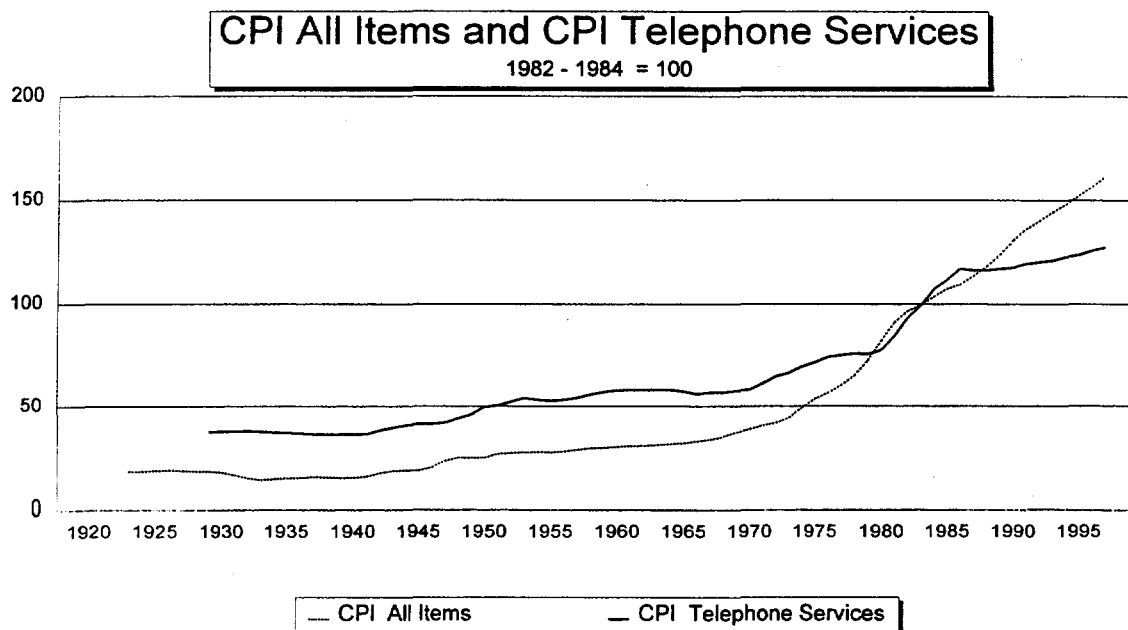
**TABLE 7.1**  
**LONG-TERM CHANGES FOR VARIOUS PRICE INDEXES**  
**(ANNUAL RATES OF CHANGE)**

	1935-1997	1987 - 1997
CPI all items	4.0 %	3.4 %
CPI all services	4.4	4.0
CPI telephone services	2.0	1.0
CPI major categories:		
- food & beverages	*	3.3
- housing	*	3.1
- apparel & upkeep	2.9	1.6
- transportation	3.7	2.9
- medical care	5.1	5.9
- recreation **	*	2.3
- other goods & services	*	5.7
CPI public transportation	4.9	4.4
CPI piped gas	3.6	2.3
CPI electricity	2.2	1.6
CPI sewer & water maintenance	*	5.2
CPI postage	4.1	3.8

Source: Bureau of Labor Statistics.

\* Series not established until after 1935.

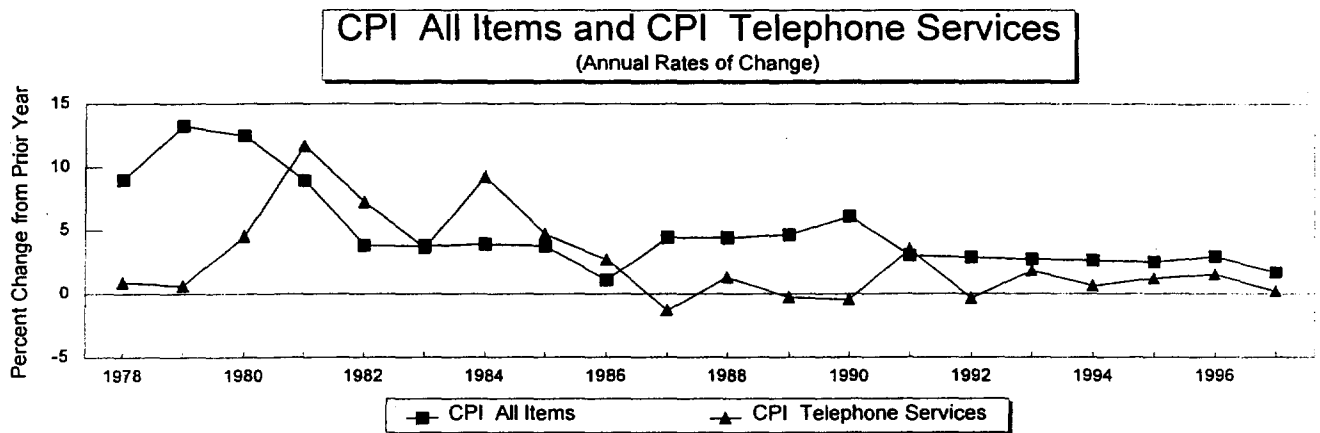
\*\* Series not established until 1992. Figure reflects annual change between 1992 and 1997.



**TABLE 7.2**  
**ANNUAL CHANGES IN MAJOR PRICE INDEXES**

	GDP Chain-type Price Index	CPI: All Items	CPI: Telephone Services
1978	7.2 %	9.0 %	0.9 %
1979	8.6	13.3	0.7
1980	9.2	12.5	4.6
1981	9.4	8.9	11.7
1982	6.2	3.8	7.2
1983	4.3	3.8	3.6
1984	3.7	3.9	9.2
1985	3.6	3.8	4.7
1986	2.5	1.1	2.7
1987	3.1	4.4	-1.3
1988	3.6	4.4	1.3
1989	4.2	4.6	-0.3
1990	4.3	6.1	-0.4
1991	4.0	3.1	3.5
1992	2.8	2.9	-0.3
1993	2.6	2.7	1.8
1994	2.3	2.7	0.7
1995	2.5	2.5	1.2
1996	2.3	3.0	1.5
1997	1.8	1.7	0.2

Sources: Bureau of Labor Statistics and Bureau of Economic Analysis



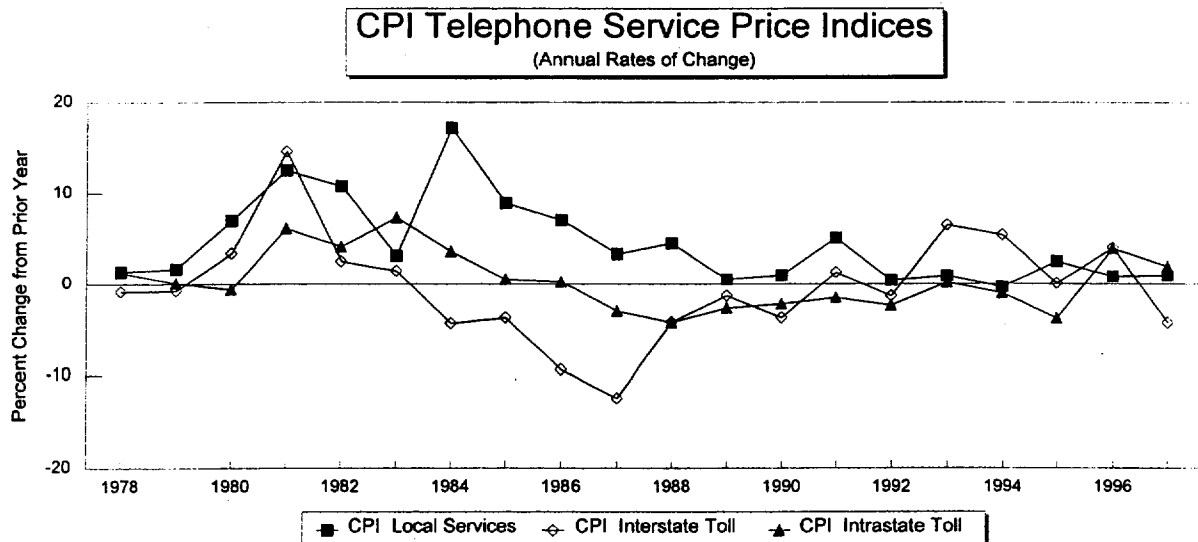
**TABLE 7.3**  
**ANNUAL CHANGES IN PRICE INDEXES FOR LOCAL AND LONG DISTANCE TELEPHONE SERVICES**

	Local Residential Service		Toll Service *			
	CPI: all local charges	PPI: Monthly Service Charges	Interstate Toll Calls		Intrastate Toll Calls	
			CPI	PPI	CPI	PPI
1978	1.4 %	3.1 %	-0.8 %	0.0 %	1.3 %	0.1 %
1979	1.7	1.6	-0.7	-0.9	0.1	-0.7
1980	7.0	7.1	3.4	5.5	-0.6	2.3
1981	12.6	15.6	14.6	15.9	6.2	8.0
1982	10.8	9.0	2.6	3.9	4.2	1.7
1983	3.1	0.2	1.5	0.0	7.4	3.9
1984	17.2	10.4	-4.3	-5.1	3.6	3.8
1985	8.9	12.4	-3.7	-3.0	0.6	2.1
1986	7.1	8.9	-9.4	-10.0	0.3	-3.5
1987	3.3	2.6	-12.4	-11.8	-3.0	-3.0
1988	4.5	4.6	-4.2	-2.1	-4.2	-3.7
1989	0.6	1.9	-1.3	-1.7	-2.6	0.5
1990	1.0	1.5	-3.7	-0.1	-2.2	-2.2
1991	5.1	2.1	1.3	-1.3	-1.5	-2.6
1992	0.5	-0.2	-1.3	1.0	-2.4	1.3
1993	1.0	0.8	6.5	3.8	0.2	-1.1
1994	-0.3	0.7	5.4	6.1	-1.0	-1.4
1995	2.6	**	0.1	**	-3.8	**
1996	0.9	0.4	4.0	0.7	4.0	0.9
1997	1.0	0.2	-4.3	1.7	2.0	-4.3

Source: Bureau of Labor Statistics.

\* CPI toll indexes represent rates for households. Through 1994, PPI toll indexes represent rate changes for both business and residential consumers. Since 1995, PPI indices reflect rates for residential customers.

\*\* The PPI telephone indices were revised in June of 1995. The series are not comparable.



**Table 7.4**  
**Consumer Price Indices**  
(1982-1984=100)

	All Goods & Services	All Telephone Services	Local Services	Interstate Toll Service	Intrastate Toll Service
BLS Series ID	CUUR0000SA0	CUUR0000SE270A	CUUR0000SEED01	CUUR0000SS27051	CUUR0000SS27061
1983 January	97.8	98.1	97.2	100.9	97.3
February	97.9	98.3	96.8	101.6	98.9
March	97.9	98.5	97.0	101.6	99.3
April	98.6	98.4	96.8	101.6	99.5
May	99.2	98.9	97.5	101.6	100.0
June	99.5	99.3	98.1	101.6	100.2
July	99.9	99.5	98.1	101.7	100.9
August	100.2	99.6	98.3	101.7	101.0
September	100.7	99.9	98.6	101.7	101.2
October	101.0	99.7	98.3	101.4	101.6
November	101.2	100.4	99.5	101.4	102.3
December	101.3	99.8	98.3	101.3	102.2
1984 January	101.9	105.0	106.7	101.3	104.2
February	102.4	107.0	110.0	102.1	104.2
March	102.6	106.4	109.1	102.1	104.1
April	103.1	106.7	109.1	102.0	105.6
May	103.4	106.9	109.5	102.3	105.1
June	103.7	107.1	110.7	98.9	106.5
July	104.1	107.7	112.3	96.9	107.5
August	104.5	107.9	112.9	96.8	106.6
September	105.0	108.7	114.3	96.8	106.5
October	105.3	108.8	114.5	97.0	106.5
November	105.3	109.4	115.4	96.9	107.1
December	105.3	109.0	115.2	96.9	105.9
1985 January	105.5	109.3	115.6	96.9	105.9
February	106.0	108.3	113.8	96.9	105.8
March	106.4	109.5	116.0	96.9	106.1
April	106.9	109.4	115.8	96.9	106.0
May	107.3	109.6	116.0	97.4	105.8
June	107.6	112.1	121.3	94.7	106.2
July	107.8	112.9	123.0	93.1	107.5
August	108.0	113.6	123.9	93.3	107.8
September	108.3	113.7	124.2	93.3	107.8
October	108.7	113.8	124.3	93.3	108.0
November	109.0	114.2	125.2	93.3	107.9
December	109.3	114.1	125.5	93.3	106.5
1986 January	109.6	114.6	126.2	93.3	106.7
February	109.3	114.8	126.4	93.3	107.0
March	108.8	115.3	127.2	93.3	107.1
April	108.6	116.5	129.5	93.3	106.8
May	108.9	116.5	129.5	93.3	106.9
June	109.5	118.7	135.6	88.0	106.7
July	109.5	118.7	137.0	84.7	106.7
August	109.7	118.8	137.2	84.4	107.0
September	110.2	118.3	136.5	84.4	106.5
October	110.3	118.9	137.5	84.4	106.8
November	110.4	117.6	135.1	84.4	106.5
December	110.5	117.2	134.4	84.5	106.8

**Table 7.4**  
**Consumer Price Indices**  
(1982-1984=100)

	All Goods & Services	All Telephone Services	Local Services	Interstate Toll Service	Intrastate Toll Service
BLS Series ID	CUUR0000SA0	CUUR0000SE270A	CUUR0000SEED01	CUUR0000SS27051	CUUR0000SS27061
1987 January	111.2	116.6	137.6	77.1	107.0
February	111.6	116.4	137.5	77.1	106.4
March	112.1	116.4	137.4	77.1	106.4
April	112.7	116.7	138.2	77.0	106.3
May	113.1	116.4	138.1	76.7	105.2
June	113.5	115.6	137.5	76.7	102.7
July	113.8	116.6	141.0	73.4	104.0
August	114.4	117.0	141.9	73.4	103.8
September	115.0	116.6	140.9	73.7	103.5
October	115.3	117.0	141.3	73.7	104.1
November	115.4	116.9	141.4	73.7	103.6
December	115.4	115.7	138.9	74.0	103.6
1988 January	115.7	115.8	139.9	72.2	104.1
February	116.0	116.6	141.6	72.2	103.6
March	116.5	116.2	141.1	72.0	103.2
April	117.1	116.6	142.0	72.1	102.9
May	117.5	116.6	142.0	72.1	102.8
June	118.0	115.8	140.8	72.1	102.3
July	118.5	115.8	141.4	72.1	100.3
August	119.0	114.8	139.4	72.1	100.3
September	119.8	115.6	140.6	73.1	100.0
October	120.2	115.8	141.1	73.1	99.4
November	120.3	115.7	140.9	73.1	99.4
December	120.5	117.2	145.2	70.9	99.2
1989 January	121.1	116.8	145.0	70.9	97.4
February	121.6	116.6	144.7	70.8	97.4
March	122.3	116.2	144.1	70.8	96.9
April	123.1	117.2	146.6	70.0	96.8
May	123.8	117.9	147.8	69.8	97.4
June	124.1	117.6	147.2	69.8	97.4
July	124.4	117.8	147.8	69.6	97.0
August	124.6	117.7	147.6	69.6	97.0
September	125.0	117.8	147.9	69.6	96.9
October	125.6	116.9	146.2	69.6	96.7
November	125.9	117.2	146.8	69.6	96.8
December	126.1	116.9	146.0	70.0	96.6
1990 January	127.4	117.6	148.4	69.1	95.2
February	128.0	117.9	149.0	69.0	95.1
March	128.4	118.2	149.7	69.0	95.0
April	128.9	118.4	150.0	69.0	95.1
May	129.2	118.0	149.2	69.0	95.2
June	129.9	118.0	149.2	69.0	95.3
July	130.4	115.5	145.4	67.4	95.4
August	130.6	117.7	149.7	67.4	95.3
September	132.7	117.9	150.1	67.4	95.2
October	133.5	118.6	151.4	67.4	94.8
November	133.8	118.6	151.4	67.4	94.7
December	133.8	116.4	147.5	67.4	94.5

**Table 7.4**  
**Consumer Price Indices**  
(1982-1984=100)

	All Goods & Services	All Telephone Services	Local Services	Interstate Toll Service	Intrastate Toll Service
BLS Series ID	CUUR0000SA0	CUUR0000SE270A	CUUR0000SEED01	CUUR0000SS27051	CUUR0000SS27061
1991 January	134.6	119.3	153.4	67.1	93.4
February	134.8	119.2	153.2	67.1	93.4
March	135.0	119.3	153.2	67.5	93.3
April	135.2	119.3	153.4	67.5	92.9
May	135.6	119.3	153.6	67.5	92.6
June	136.0	119.5	153.6	67.5	93.1
July	136.2	119.6	153.8	67.5	93.2
August	136.6	119.7	154.1	67.5	93.2
September	137.2	119.9	154.2	68.0	93.1
October	137.4	120.0	154.5	68.0	92.9
November	137.8	120.4	155.0	68.2	93.3
December	137.9	120.5	155.0	68.3	93.1
1992 January	138.1	120.8	155.8	68.6	92.5
February	138.6	120.8	155.8	68.6	92.2
March	139.3	120.9	156.2	68.6	91.8
April	139.5	120.8	156.2	68.6	91.4
May	139.7	120.8	156.2	68.6	91.4
June	140.2	119.9	154.7	68.2	91.2
July	140.5	120.3	155.7	67.5	91.4
August	140.9	120.1	155.4	67.6	91.2
September	141.3	120.0	155.3	67.4	91.1
October	141.8	120.0	155.4	67.4	91.0
November	142.0	120.0	155.4	67.4	90.9
December	141.9	120.1	155.7	67.4	90.9
1993 January	142.6	120.7	156.4	68.3	90.6
February	143.1	120.7	156.3	68.3	90.6
March	143.6	120.9	156.3	69.0	90.7
April	144.0	120.3	155.3	69.0	90.5
May	144.2	120.9	156.3	69.0	90.6
June	144.4	120.7	156.0	69.0	90.3
July	144.4	121.0	156.2	69.3	90.7
August	144.8	121.2	156.3	70.1	90.7
September	145.1	121.6	156.7	70.3	90.9
October	145.7	121.8	156.8	70.8	91.0
November	145.8	121.9	157.0	70.8	91.0
December	145.8	122.3	157.2	71.8	91.1
1994 January	146.2	122.0	156.8	71.8	90.5
February	146.7	123.3	156.9	75.6	90.5
March	147.2	123.2	156.9	75.6	90.2
April	147.4	123.0	156.8	75.3	90.0
May	147.5	123.1	157.0	75.2	90.0
June	148.0	123.3	157.2	75.3	90.3
July	148.4	123.2	157.1	75.3	90.3
August	149.0	123.3	157.1	75.6	90.3
September	149.4	123.3	156.9	75.7	90.3
October	149.5	123.2	156.9	75.7	90.2
November	149.7	123.1	156.6	75.7	90.1
December	149.7	123.1	156.7	75.7	90.2

**Table 7.4**  
**Consumer Price Indices**  
(1982-1984=100)

	<b>All Goods &amp; Services</b>	<b>All Telephone Services</b>	<b>Local Services</b>	<b>Interstate Toll Service</b>	<b>Intrastate Toll Service</b>
<b>BLS Series ID</b>	<b>CUUR0000SA0</b>	<b>CUUR0000SE270A</b>	<b>CUUR0000SEED01</b>	<b>CUUR0000SS27051</b>	<b>CUUR0000SS27061</b>
1995 January	150.3	124.7	160.9	76.3	85.9
February	150.9	123.8	160.4	74.3	85.6
March	151.4	123.6	160.1	74.1	85.5
April	151.9	123.7	160.0	74.9	85.5
May	152.2	123.5	159.5	74.9	85.7
June	152.5	124.0	160.5	74.9	85.5
July	152.5	124.1	160.4	74.9	86.2
August	152.9	123.9	160.2	74.9	86.0
September	153.2	124.1	160.5	74.9	86.1
October	153.7	124.2	160.5	74.9	86.8
November	153.6	124.1	160.6	74.4	86.7
December	153.5	124.6	160.7	75.8	86.8
1996 January	154.4	124.7	160.6	75.8	87.2
February	154.9	124.7	160.7	75.8	87.2
March	155.7	125.4	160.6	78.0	87.5
April	156.3	123.5	156.8	78.0	88.0
May	156.6	125.4	160.3	78.0	88.6
June	156.7	126.0	161.0	78.4	88.9
July	157.0	126.2	161.3	78.4	89.1
August	157.3	126.5	161.3	78.4	90.9
September	157.8	126.7	161.4	78.6	91.0
October	158.3	126.9	161.9	78.6	91.0
November	158.6	127.0	161.9	78.6	91.3
December	158.6	127.2	162.1	78.6	92.1
1997 January	159.1	127.6	161.7	80.4	91.9
February	159.6	127.6	162.3	78.8	93.6
March	160.0	127.9	162.6	78.8	93.9
April	160.2	128.0	162.7	78.8	93.8
May	160.1	128.0	162.9	78.8	93.8
June	160.3	128.3	163.5	78.8	93.8
July	160.5	128.3	163.4	78.7	94.1
August	160.8	127.1	163.4	74.8	94.1
September	161.2	127.1	163.3	74.8	94.5
October	161.6	127.3	163.7	75.1	93.9
November	161.5	127.6	163.8	75.1	95.0
December	161.3	127.5	163.8	75.2	94.7
1998 January	161.6		163.8	75.2	94.3
February	161.9	<b>Discontinued</b> Refer to Table 7.5 for revised index of telephone service.	164.4	75.3	93.7
March	162.2		165.6	75.3	94.4
April	162.5		165.6	75.3	95.6
May	162.8		165.7	76.3	96.2
June	163.0		166.1	76.1	97.1
July	163.2		166.2	76.7	95.9
August	163.4		166.0	74.5	96.2
September	163.6		166.1	75.2	96.0
October	164.0		166.3	75.2	96.2

**Table 7.5**  
**New Consumer Price Indices (December 1997 = 100)**

		Telephone Services	Local Telephone Service	Long Distance Charges	Interstate Toll Service	Intrastate Toll Service	Cellular Telephone Services
<b>BLS Series ID</b>		CUUR0000SEED	CUUR0000SEED01	CUUR0000SEED02	CUUR0000SS27051	CUUR0000SS27061	CUUR0000SEED03
1998	December	100.0	100.0	100.0	100.0	100.0	100.0
	January	99.9	100.0	99.8	100.0	99.6	99.0
	February	100.0	100.4	99.7	100.1	98.9	98.1
	March	100.4	101.1	99.9	100.1	99.7	97.4
	April	100.5	101.1	100.1	100.1	101.0	96.4
	May	101.1	101.2	101.3	101.5	101.6	96.2
	June	101.4	101.4	101.7	101.2	102.5	94.4
	July	101.5	101.5	101.9	102.0	101.3	94.2
	August	100.4	101.3	99.9	99.1	101.6	93.9
	September	100.7	101.4	100.4	100.0	101.4	94.1
	October	100.7	101.5	100.4	100.0	101.6	93.7



**Table 7.6**  
**Producer Price Indices**  
(June 1995 =100)

	Telephone Communications, except Radiotelephone	Local Service, except Private Lines	Residence Local Service	Business Local Service	Coin Local Service	Other Local Service	Directory Assistance	Other Local Service, except Directory Assistance
BLS Series ID	pcu4813#	pcu4813#1	pcu4813#111	pcu4813#112	pcu4813#113	pcu4813#114	pcu4813#11401	pcu4813#11409
1995 June	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
July	102.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
August	100.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
September	100.6	100.1	100.0	100.2	100.6	100.0	100.0	100.0
October	100.4	100.0	99.8	100.2	100.6	100.0	100.0	100.0
November	99.6	100.0	99.8	100.2	100.6	100.0	100.0	100.0
December	99.6	100.0	99.8	100.2	100.6	100.0	100.0	100.0
1996 January	99.3	100.0	99.8	100.1	100.6	100.0	100.0	100.0
February	99.6	100.0	99.8	100.2	100.6	100.0	100.0	100.0
March	99.5	100.1	99.8	100.2	101.9	100.0	100.0	100.0
April	99.7	100.1	99.8	100.2	101.9	100.0	100.0	100.0
May	99.5	100.1	99.8	100.2	101.9	100.0	100.0	100.0
June	99.9	100.2	100.0	100.2	101.9	100.0	100.0	100.0
July	100.3	100.3	100.0	100.4	102.0	100.0	100.0	100.0
August	100.6	100.4	100.0	100.5	102.0	100.0	100.0	100.0
September	100.5	100.4	100.0	100.5	102.0	100.0	100.0	100.0
October	100.4	100.4	100.0	100.5	102.0	100.0	100.0	100.0
November	100.1	100.4	100.0	100.5	102.0	100.0	100.0	100.0
December	99.5	100.4	100.0	100.5	102.0	100.0	100.0	100.0
1997 January	100.5	100.4	100.0	100.5	102.0	100.0	100.0	100.0
February	99.8	100.4	100.0	100.5	102.0	100.0	100.0	100.0
March	99.0	100.3	100.0	100.5	102.0	100.0	100.0	100.0
April	99.2	100.4	100.0	100.6	102.0	100.0	100.0	100.0
May	99.9	100.5	100.2	100.7	102.1	100.0	100.0	100.0
June	100.4	100.5	100.2	100.7	102.1	100.0	100.0	100.0
July	100.1	100.4	100.1	100.5	102.1	100.0	100.0	100.0
August	100.4	100.4	100.1	100.5	102.1	100.0	100.0	100.0
September	99.3	100.4	100.1	100.5	102.1	100.0	100.0	100.0
October	99.0	100.4	100.2	100.5	102.1	100.0	100.0	100.0
November	99.0	100.5	100.2	100.5	102.1	102.3	103.6	100.0
December	99.1	100.4	100.2	100.5	101.4	102.3	103.6	100.0
1998 January	99.2	100.5	100.2	100.6	101.7	102.3	103.6	100.0
February	99.0	100.5	100.2	100.6	101.7	102.3	103.6	100.0
March	98.7	100.5	100.2	100.6	101.7	102.3	103.6	100.0
April	98.6	100.5	100.2	100.6	101.7	102.3	103.6	100.0
May	98.7	100.4	100.0	100.5	101.7	102.3	103.6	100.0
June	98.2	100.3	100.0	100.4	101.7	102.3	103.6	100.0
July *	98.3	100.5	100.2	100.6	101.7	102.3	103.6	100.0
August *	98.6	100.5	100.2	100.6	101.7	102.3	103.6	100.0
September *	98.6	100.3	100.1	100.4	101.7	102.3	103.6	100.0
October *	98.1	100.3	100.1	100.4	101.7	102.3	103.6	100.0

**Table 7.6**  
**Producer Price Indices**  
(June 1995 =100)

	Public Switched Toll Service	Residence Switched Toll Service	Intrastate Residence Switched Toll Service	Interstate Residence Switched Toll Service	International Residence Switched Toll Service	Business Switched Toll Service	Business Switched Access Toll Service	Outbound Business Switched Access Toll Service
BLS Series ID	pcu4813#2	pcu4813#21	pcu4813#211	pcu4813#212	pcu4813#213	pcu4813#22	pcu4813#221	pcu4813#2211
1995 June	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
July	105.2	102.6	101.2	105.2	99.4	108.2	104.0	103.8
August	101.3	101.3	101.1	103.7	95.7	101.4	101.4	101.3
September	101.0	101.0	103.2	100.1	97.2	101.0	102.1	103.1
October	100.8	102.0	105.8	100.9	96.4	99.5	100.3	99.4
November	99.3	99.7	102.9	98.1	94.3	98.8	99.2	99.4
December	99.1	100.1	104.2	96.3	97.1	98.0	98.4	99.2
1996 January	98.8	99.6	101.6	99.3	95.0	97.8	98.7	99.1
February	99.3	100.3	104.7	98.2	95.0	98.0	99.0	98.3
March	99.0	101.3	106.3	98.8	92.9	96.3	96.5	96.2
April	99.3	100.6	104.2	98.6	93.3	97.8	98.4	98.0
May	98.8	100.8	106.0	97.9	93.8	96.5	96.7	97.8
June	99.5	101.2	106.0	98.2	94.2	97.5	97.2	97.5
July	100.2	102.8	106.4	102.3	92.8	97.1	97.4	97.2
August	100.9	103.3	110.4	99.2	90.5	98.0	99.4	99.7
September	100.6	102.1	107.8	98.1	89.3	98.9	100.3	101.7
October	100.4	101.2	104.0	101.3	85.9	99.4	102.5	105.0
November	99.9	100.1	105.7	99.1	79.8	99.7	101.3	101.4
December	98.8	99.2	105.1	97.0	77.8	98.2	99.2	97.8
1997 January	100.6	102.7	103.5	105.4	82.0	98.0	100.1	97.6
February	99.3	101.7	103.1	104.1	79.6	96.4	98.8	97.5
March	97.7	99.5	102.2	99.0	80.2	95.7	98.3	97.9
April	98.2	100.2	101.0	102.2	80.1	95.8	98.7	98.7
May	99.3	101.4	101.8	105.0	80.1	96.9	100.7	100.7
June	100.3	101.8	101.4	104.9	84.4	98.5	103.2	103.7
July	99.7	102.2	99.9	107.0	85.1	96.7	103.0	105.9
August	100.4	103.4	100.9	107.1	85.6	96.9	104.2	107.0
September	98.4	100.9	100.5	104.2	85.6	95.5	103.2	107.9
October	97.8	99.4	100.7	102.0	84.7	95.8	103.3	107.6
November	97.6	98.2	103.9	97.3	80.7	96.9	104.6	108.3
December	97.9	99.7	100.6	104.6	83.4	95.8	104.4	108.8
1998 January	98.0	100.5	99.0	107.2	82.7	95.0	102.9	108.7
February	97.7	100.2	96.7	110.0	76.8	94.6	103.0	111.1
March	97.2	100.8	94.0	115.1	78.1	93.0	100.5	108.9
April	97.0	99.1	97.8	107.3	78.0	94.4	103.0	112.6
May	97.2	99.9	99.2	107.3	79.6	94.0	102.7	111.5
June	96.4	98.9	99.3	105.3	77.6	93.5	102.2	111.2
July *	96.5	99.7	97.7	108.6	78.8	92.6	100.6	109.2
August *	96.9	99.8	97.8	109.6	77.0	93.4	101.8	111.1
September *	97.1	99.6	98.3	108.6	76.9	94.1	103.1	112.7
October *	96.2	99.0	97.8	108.3	74.5	92.8	101.8	110.8

\* Producer Price Indices are subject to revision four months after release

**Table 7.6**  
**Producer Price Indices**  
(June 1995 =100)

BLS Series ID	Intrastate Business Switched Access Toll Service, Outbound	Interstate Business Switched Access Toll Service, Outbound	International Business Switched Access Toll Service, Outbound	Inbound Business Switched Access Toll Service	Intrastate Business Switched Access Toll Service, Inbound	Interstate Business Switched Access Toll Service, Inbound	International Business Switched Access Toll Service, Inbound	Business Special Access Switched Toll Service, except Private Lines
	pcu4813#22111	pcu4813#22112	pcu4813#22113	pcu4813#2212	pcu4813#22121	pcu4813#22122	pcu4813#22123	pcu4813#222
1995 June	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
July	100.6	102.7	116.4	104.4	100.6	107.5	94.6	115.4
August	100.7	102.7	99.2	101.6	100.7	101.8	103.9	101.3
September	101.0	103.3	109.4	100.3	98.9	101.1	92.4	99.1
October	100.8	98.9	97.0	101.9	98.3	104.1	99.3	98.0
November	100.8	98.5	97.9	98.9	99.5	99.5	95.5	98.0
December	100.3	98.5	98.9	97.1	101.0	93.5	107.1	97.3
1996 January	100.9	95.9	102.7	98.0	96.2	95.6	106.6	96.3
February	101.5	96.5	94.0	100.1	97.4	98.8	101.2	96.4
March	100.7	93.7	88.7	97.0	95.3	90.4	93.4	95.8
April	101.2	94.8	96.3	99.0	95.9	94.9	91.0	96.9
May	101.6	95.1	93.9	94.7	91.2	92.3	88.1	96.2
June	101.1	96.5	87.6	96.5	96.6	90.0	93.9	98.2
July	101.6	95.3	88.8	97.7	95.6	89.6	93.2	96.7
August	102.0	101.6	88.5	98.9	91.4	94.8	100.6	95.6
September	102.2	108.2	84.0	97.7	92.3	94.2	92.9	96.6
October	103.1	114.5	87.4	98.1	91.0	94.4	93.6	94.2
November	101.7	106.0	89.1	101.0	91.6	97.9	86.7	96.9
December	101.8	98.2	82.2	101.5	90.8	91.5	93.2	96.7
1997 January	102.6	96.1	86.6	104.4	87.1	95.6	101.5	94.6
February	102.4	98.8	81.1	101.0	90.5	95.5	91.8	92.3
March	101.0	98.2	89.1	98.9	90.3	93.0	82.8	91.2
April	100.8	100.5	88.7	98.8	90.7	92.2	90.2	91.0
May	101.3	106.5	85.8	100.8	87.8	99.0	86.9	90.5
June	100.4	113.6	90.7	102.4	86.9	100.5	91.7	90.5
July	100.4	121.0	86.0	98.1	82.2	94.0	84.4	86.1
August	100.8	124.0	85.2	99.4	81.7	97.4	79.4	84.4
September	101.9	125.9	83.1	95.2	79.7	88.9	72.5	82.4
October	102.1	124.0	86.7	95.9	80.8	87.4	74.3	83.2
November	101.7	125.9	88.3	98.2	79.5	92.0	79.8	83.8
December	103.0	126.3	87.2	96.6	75.6	90.9	73.9	81.3
1998 January	102.6	126.3	85.3	92.8	76.0	85.4	68.8	81.7
February	102.5	132.1	87.5	88.9	74.2	84.7	74.3	80.6
March	102.3	128.2	83.6	85.9	75.7	80.6	74.8	80.3
April	102.5	137.3	85.8	86.4	72.9	84.2	67.3	79.7
May	101.6	135.6	86.5	87.3	69.5	85.8	62.3	79.2
June	102.8	132.8	87.0	86.5	70.0	85.0	59.8	78.8
July *	102.1	128.5	86.2	85.8	74.5	82.9	58.2	79.1
August *	103.8	133.2	82.8	85.7	71.0	81.9	68.5	79.2
September *	103.3	137.6	83.5	86.4	74.0	82.6	61.2	78.9
October *	103.8	133.2	80.5	86.2	74.9	82.2	57.3	77.7

\* Producer Price Indices are subject to revision four months after release

**Table 7.6**  
**Producer Price Indices**  
(June 1995 =100)

	Outbound Business Special Access Switched Toll Service	Intrastate Business Special Access Switched Toll Service, Outbound	Interstate Business Special Access Switched Toll Service, Outbound	International Business Special Access Switched Toll Service, Outbound	Inbound Business Special Access Switched Toll Service	Intrastate Business Special Access Switched Toll Service, Inbound	Interstate Business Special Access Switched Toll Service, Inbound
BLS Series ID	pcu4813#2221	pcu4813#22211	pcu4813#22212	pcu4813#22213	pcu4813#2222	pcu4813#22221	pcu4813#22222
1995 June	100.0	100.0	100.0	100.0	100.0	100.0	100.0
July	119.9	119.0	98.9	152.8	107.3	101.6	109.0
August	100.3	105.6	98.9	100.4	103.3	107.4	102.2
September	97.7	98.9	95.3	99.7	101.7	104.9	99.9
October	98.3	107.4	92.9	105.7	97.5	93.8	99.7
November	98.5	105.8	94.9	105.1	97.0	93.3	98.7
December	97.8	100.0	95.3	103.8	96.4	94.2	97.1
1996 January	95.8	105.2	92.6	97.8	97.1	93.5	97.7
February	95.1	103.6	91.7	96.6	98.9	96.7	101.5
March	94.3	101.2	89.4	98.7	98.5	92.5	100.8
April	95.3	102.1	92.4	97.1	99.9	108.5	98.8
May	96.6	93.8	92.2	100.6	95.5	98.3	96.0
June	96.2	102.2	86.6	103.2	101.6	102.2	105.4
July	95.1	112.2	82.9	101.7	99.4	101.2	101.1
August	95.9	110.6	89.6	101.2	95.0	101.7	91.1
September	95.1	100.7	91.6	98.7	99.3	100.1	100.1
October	93.3	96.0	91.2	93.2	95.9	103.0	97.8
November	93.6	93.8	94.3	91.5	102.9	113.1	107.5
December	90.7	90.3	87.7	93.7	107.3	103.0	118.1
1997 January	90.5	85.5	86.9	97.4	102.0	106.0	106.4
February	89.6	87.9	88.8	94.4	97.3	109.9	96.0
March	88.5	86.3	85.2	95.3	96.2	106.7	96.5
April	89.0	88.3	87.8	93.1	94.6	101.3	97.4
May	86.7	87.0	85.6	88.8	97.3	102.5	101.1
June	87.3	82.0	83.7	89.3	96.1	99.9	99.4
July	83.3	83.4	77.7	90.5	91.1	98.5	90.0
August	81.0	83.5	74.0	89.0	90.6	96.0	91.4
September	76.9	82.8	68.5	83.2	92.3	86.6	97.2
October	77.9	81.2	72.4	81.7	92.7	88.4	97.2
November	77.8	85.5	72.0	82.1	94.6	80.3	99.1
December	76.8	86.0	69.3	79.3	89.5	79.1	89.7
1998 January	75.9	83.4	69.0	82.3	92.2	71.7	96.3
February	73.2	79.7	65.7	82.6	93.9	73.6	104.0
March	76.7	85.8	69.9	86.0	86.7	68.4	94.4
April	74.7	77.9	70.3	80.9	88.8	65.6	103.5
May	73.0	79.8	69.6	75.2	90.4	71.2	101.8
June	68.7	76.0	63.5	72.3	96.9	76.8	110.9
July *	72.6	69.0	67.9	81.0	90.6	79.0	103.0
August *	69.1	76.1	64.0	72.8	97.4	74.9	116.8
September *	67.4	69.7	62.9	71.5	99.4	80.4	118.9
October *	64.2	64.4	59.8	67.2	101.8	74.9	125.0

\* Producer Price Indices are subject to revision four months after release

**Table 7.6**  
**Producer Price Indices**  
(June 1995 =100)

	International Business Special Access Switched Toll Service, Inbound	Other Toll Service	Private Line Service	Intrastate Private Line Service	LEC Intrastate Private Line Service	Other Telephone Services	Directory Advertising	Other Telephone Services
BLS Series ID	pcu4813#22223	pcu4813#29	pcu4813#3	pcu4813#31	pcu4813#311	pcu4813#9	pcu4813#91	pcu4813#99
1995 June	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
July	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
August	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
September	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
October	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
November	97.2	100.0	100.0	100.0	100.0	100.2	100.3	100.0
December	97.1	100.0	100.0	100.0	100.0	100.2	100.3	100.0
1996 January	97.0	100.0	100.0	100.0	100.0	100.2	100.3	100.0
February	97.3	100.0	100.0	99.9	99.9	100.2	100.3	100.0
March	97.4	100.0	100.0	99.9	99.9	100.2	100.3	100.0
April	97.6	100.0	100.4	101.1	101.2	100.2	100.3	100.0
May	97.5	100.1	100.4	101.1	101.2	100.2	100.3	100.0
June	97.7	99.8	100.4	101.1	101.2	100.2	100.3	100.0
July	97.5	100.3	100.4	101.1	101.2	100.2	100.2	100.0
August	97.2	100.9	100.4	101.1	101.2	100.2	100.3	100.0
September	97.1	100.2	100.4	101.1	101.2	100.2	100.2	100.0
October	97.2	100.2	100.3	100.8	100.9	100.4	100.5	100.0
November	96.9	100.2	100.3	100.8	100.9	100.6	100.7	100.0
December	96.7	100.2	100.3	100.8	100.9	100.6	100.7	100.0
1997 January	96.7	100.2	100.3	100.8	100.9	100.5	100.7	100.0
February	96.5	100.2	100.3	100.8	100.9	100.6	100.7	100.0
March	96.6	100.2	100.3	100.8	100.9	100.5	100.6	100.0
April	96.8	100.2	100.3	100.8	100.9	100.5	100.7	100.0
May	97.2	100.2	100.3	100.9	101.1	100.5	100.7	100.0
June	97.3	100.2	100.3	100.9	101.1	100.5	100.6	100.0
July	96.9	100.2	100.3	100.9	101.1	100.5	100.6	100.0
August	97.1	100.2	100.3	100.9	101.1	100.5	100.6	100.0
September	97.0	100.2	100.3	100.8	100.9	100.5	100.6	100.0
October	96.9	100.6	100.3	100.8	100.9	100.7	100.8	100.0
November	96.7	100.6	100.3	100.8	100.9	100.7	100.9	100.0
December	96.7	100.7	100.3	100.8	100.9	100.7	100.8	100.0
1998 January	96.5	100.5	100.3	100.8	100.9	100.7	100.8	100.0
February	96.5	101.3	100.3	100.8	100.9	100.8	100.9	100.0
March	96.4	101.0	100.3	100.8	100.9	100.7	100.9	100.0
April	96.6	101.8	100.3	100.8	100.9	100.7	100.8	100.0
May	96.4	101.8	100.3	100.8	100.9	100.7	100.8	100.0
June	96.5	101.8	100.3	100.8	100.9	100.7	100.8	100.0
July *	96.5	101.8	100.3	100.8	100.9	100.7	100.8	100.0
August *	96.5	101.8	100.3	100.8	100.9	100.7	100.8	100.0
September *	96.4	102.2	100.3	100.8	100.9	100.6	100.8	100.0
October *	96.3	101.7	100.3	100.8	100.9	100.6	100.8	100.0

**TABLE 7.7**

**AVERAGE RESIDENTIAL RATES FOR LOCAL SERVICE IN URBAN AREAS**

(as of October 15)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Representative Monthly Charge *	\$12.58	\$12.44	\$12.32	\$12.30	\$12.36	\$13.03	\$13.05	\$13.16	\$13.19	\$13.62	\$13.71	\$13.82
Subscriber Line Charges	2.04	2.66	2.67	3.53	3.55	3.56	3.55	3.55	3.55	3.54	3.54	3.53
Additional Monthly Charge for Touch-tone Service	1.57	1.52	1.54	1.52	1.33	1.06	0.97	0.94	0.77	0.44	0.30	0.12
Taxes and 911 Charges	1.51	1.56	1.58	1.70	2.00	2.12	2.15	2.29	2.31	2.41	2.40	2.44
<b>Total Monthly Charge</b>	<b>17.70</b>	<b>18.18</b>	<b>18.11</b>	<b>19.05</b>	<b>19.24</b>	<b>19.77</b>	<b>19.72</b>	<b>19.95</b>	<b>19.81</b>	<b>20.01</b>	<b>19.95</b>	<b>19.92</b>
Basic Connection Charge	\$45.63	\$44.04	\$42.94	\$43.06	\$43.06	\$42.00	\$41.50	\$41.38	\$41.28	\$40.91	\$41.11	\$41.06
Additional Connection Charge for Touch-tone Service	1.34	1.31	1.55	1.76	1.77	1.27	1.22	1.23	0.85	0.23	0.23	0.17
Taxes	2.28	2.20	2.11	2.44	2.32	2.30	2.29	2.30	2.33	2.44	2.36	2.46
<b>Total Connection Charge</b>	<b>46.97</b>	<b>45.35</b>	<b>44.49</b>	<b>44.82</b>	<b>44.83</b>	<b>45.57</b>	<b>42.72</b>	<b>44.92</b>	<b>44.46</b>	<b>43.58</b>	<b>43.70</b>	<b>43.68</b>
Additional Charge if Drop Line and Connection Block Needed	n.a.	n.a.	6.04	6.07	6.89	6.89	6.50	7.29	6.74	5.90	5.74	5.65
Lowest-cost Inside Wiring Maintenance Plan	\$0.58	\$0.85	\$0.89	\$1.07	\$1.07	\$1.20	\$1.25	\$1.31	\$1.45	\$1.52	\$1.78	\$1.62

\* Rate is based on flat-rate service where available, and on measured/message service with 100 five-minute, same-zone business-day calls elsewhere.

**TABLE 7.8****AVERAGE LOCAL RATES FOR BUSINESSES WITH A SINGLE LINE IN URBAN AREAS**

	1989	1990	1991	1992	1993	1994	1995	1996	1997
Monthly Representative Service Charge*	\$31.06	\$30.97	\$32.29	\$32.45	\$32.70	\$32.25	\$32.48	\$32.58	\$32.69
Subscriber Line Charges	3.55	3.57	3.57	3.56	3.57	3.57	3.57	3.54	3.54
Extra for Touch-tone	2.43	2.35	1.84	1.71	1.67	1.21	0.97	0.82	0.44
Tax including 911 Charges	4.21	4.32	4.42	4.57	4.63	4.61	4.79	4.87	4.99
<b>Total Monthly Charge</b>	<b>41.25</b>	<b>41.21</b>	<b>42.12</b>	<b>42.29</b>	<b>42.57</b>	<b>41.64</b>	<b>41.80</b>	<b>41.81</b>	<b>41.65</b>
Monthly Charge for Flat-rate Service	\$33.04	\$33.29	\$34.12	\$34.06	\$34.85	\$34.39	\$34.45	\$34.42	\$34.55
Subscriber Line Charges	3.65	3.69	3.70	3.70	3.70	3.70	3.69	3.61	3.61
Extra for Touch-tone	2.12	2.11	1.87	1.84	1.76	1.12	1.00	0.89	0.58
Tax including 911 Charges	4.90	4.98	5.22	5.34	5.50	5.36	5.58	5.55	5.59
<b>Total Monthly Charge for Flat-rate Service</b>	<b>43.71</b>	<b>44.07</b>	<b>44.91</b>	<b>44.94</b>	<b>45.81</b>	<b>44.57</b>	<b>44.71</b>	<b>44.47</b>	<b>44.33</b>
Monthly Charge for Measured/Message Service	\$16.18	\$16.17	\$16.76	\$16.55	\$16.60	\$16.74	\$17.06	\$17.26	\$17.39
200 Five-minute Business-day Same-zone Calls	16.11	16.19	16.70	17.23	17.57	17.38	17.15	17.1	17.03
Subscriber Line Charges	3.54	3.55	3.55	3.54	3.55	3.55	3.54	3.51	3.51
Extra for Touch-tone	2.48	2.39	1.87	1.73	1.68	1.22	0.98	0.83	0.45
Tax including 911 Charges	4.41	4.53	4.56	4.77	4.86	4.83	5.01	5.13	5.20
<b>Total Monthly Charge for Measured/Message Service</b>	<b>42.72</b>	<b>42.83</b>	<b>43.44</b>	<b>43.82</b>	<b>44.26</b>	<b>43.72</b>	<b>43.75</b>	<b>43.84</b>	<b>43.58</b>
Cost of a Five-minute Business-day Same-zone Call	\$0.0929	\$0.0933	\$0.0912	\$0.0931	\$0.0942	\$0.0923	\$0.0925	\$0.0923	\$0.0921
Basic Connection Charge	\$71.05	\$71.36	\$72.75	\$72.55	\$71.41	\$69.88	\$67.87	\$68.47	\$68.58
Additional Connection Charge for Touch-tone Service	1.70	1.89	1.13	1.19	1.17	0.92	0.27	0.17	0.17
Tax	4.06	4.15	4.32	4.33	4.25	4.13	4.17	4.2	4.42
<b>Total Connection Charge</b>	<b>76.81</b>	<b>77.40</b>	<b>78.20</b>	<b>78.07</b>	<b>76.83</b>	<b>74.93</b>	<b>72.31</b>	<b>72.85</b>	<b>73.18</b>
Additional Charge if Drop Line and Connection Block Needed	5.92	7.87	6.90	6.83	6.64	6.49	7.28	6.98	6.86
Lowest-cost Inside Wiring Maintenance Plan	\$1.78	\$1.91	\$2.05	\$2.03	\$2.08	\$2.26	\$2.39	\$2.63	\$2.76

\* Rate is based on flat-rate service where available, and on measured/message service with 200 five-minute, same-zone business-day calls elsewhere.

**TABLE 7.9****AVERAGE MONTHLY LOCAL RATES OF RUS BORROWERS**

Year	Average Business Rate*	Average Residential Rate*	Percentage of US Access Lines
1994	\$20.88	\$11.05	5.03%
1995	\$20.84	\$10.94	3.79%
1996	\$21.41	\$11.17	3.83%

\* Average rates do not include subscriber line charges, surcharges, 911 charges, or taxes.

TABLE 7.10

**CHANGES IN THE PRICE OF DIRECTLY DIALED FIVE-MINUTE LONG DISTANCE CALLS  
(AT&T basic rate schedules)**

Calling Distance (in airline miles, rate center to rate center)	Residential*			Business**		
	January 1984	June 1998	Percentage Change	January 1984	June 1998	Percentage Change
1 - 10 Day	\$0.96	\$1.40	45.8 %	\$0.96	\$1.82	89.3 %
Evening	0.57	0.80	40.4	0.57	1.82	218.9
Night & Weekend	0.38	0.65	71.1	0.38	1.82	378.3
11 - 22 Day	1.28	\$1.40	9.4	1.28	1.82	42.0
Evening	0.76	0.80	5.3	0.76	1.82	139.1
Night & Weekend	0.51	0.65	27.5	0.51	1.82	256.4
23 - 55 Day	1.60	\$1.40	-12.5	1.60	1.82	13.6
Evening	0.96	0.80	-16.7	0.96	1.82	89.3
Night & Weekend	0.64	0.65	1.6	0.64	1.82	184.0
56 - 124 Day	2.05	\$1.40	-31.7	2.05	1.82	-11.3
Evening	1.22	0.80	-34.4	1.22	1.82	49.0
Night & Weekend	0.82	0.65	-20.7	0.82	1.82	121.6
125 - 292 Day	2.14	\$1.40	-34.6	2.14	1.82	-15.1
Evening	1.28	0.80	-37.5	1.28	1.82	42.0
Night & Weekend	0.85	0.65	-23.5	0.85	1.82	113.8
293 - 430 Day	2.27	\$1.40	-38.3	2.27	1.82	-19.9
Evening	1.36	0.80	-41.2	1.36	1.82	33.6
Night & Weekend	0.90	0.65	-27.8	0.90	1.82	101.9
431 - 925 Day	2.34	\$1.40	-40.2	2.34	1.82	-22.3
Evening	1.40	0.80	-42.9	1.40	1.82	29.8
Night & Weekend	0.93	0.65	-30.1	0.93	1.82	95.4
926 - 1910 Day	2.40	\$1.40	-41.7	2.40	1.82	-24.3
Evening	1.44	0.80	-44.4	1.44	1.82	26.2
Night & Weekend	0.96	0.65	-32.3	0.96	1.82	89.3
1911 - 3000 Day	2.70	\$1.40	-48.1	2.70	1.82	-32.7
Evening	1.62	0.80	-50.6	1.62	1.82	12.2
Night & Weekend	1.08	0.65	-39.8	1.08	1.82	68.3
3001 - 4250 Day	2.80	\$1.40	-50.0	2.80	1.82	-35.1
Evening	1.68	0.80	-52.4	1.68	1.82	8.2
Night & Weekend	1.12	0.65	-42.0	1.12	1.82	62.3
4251 - 5750 Day	2.91	\$1.40	-51.9	2.91	1.82	-37.5
Evening	1.74	0.80	-54.0	1.74	1.82	4.5
Night & Weekend	1.16	0.65	-44.0	1.16	1.82	56.7

SOURCE: AT&T TARIFFS AND INDUSTRY ANALYSIS DIVISION, *REFERENCE BOOK OF RATES, PRICE INDICES, AND HOUSEHOLD EXPENDITURES FOR TELEPHONE SERVICE*.

\* AT&T initiated a new rate structure for residential customers on November 8, 1997. The new rate structure eliminates mileage bands and implements weekday peak and off-peak time bands and a weekend band. The new rates are shown in the old rate structure for the purposes of comparison.

\*\* AT&T initiated a new rate structure for business customers on November 5, 1997. The rate structure eliminates mileage, time-of-day, and day-of-week bands. The new rates are shown in the old rate structure for the purposes of comparison.



**TABLE 7.11**  
**AVERAGE BILLED REVENUE PER MINUTE**

	AT&T	All Carriers **		
	All Interstate and International Switched Services *	All Interstate and International Switched Services	International Switched Services	All Domestic Interstate Switched Services
1984	32.3 ¢			
1985	30.8			
1986	28.0			
1987	24.5			
1988	23.4			
1989	21.8			
1990	20.1			
1991	19.7			
1992	19.4	19.3 ¢	100.2 ¢	15.0 ¢
1993	18.9	18.7	99.6	14.3
1994	18.1	17.8	90.0	13.6
1995	N/A	17.1	92.2	12.4
1996	N/A	16.1	79.0	11.8
1997	N/A	14.4	67.5	10.3

\* Source: AT&T.

\*\* Source: Industry Analysis Division, *Telecommunications Industry Revenue: 1997*

TABLE 7.12

**INTERSTATE PER-LINE ACCESS CHARGES**  
(NATIONAL AVERAGE PER MONTH PER LINE) \*

Rates in Effect		Charged to End Users ** (Subscriber Line Charges)			Charged to Long Distance Carriers *** (Presubscribed Interexchange Carrier Charges)			
From	To	Residential and Single-Line Business	Non-Primary Residential	Multiline Business and Centrex	Residential and Single-Line Business	Non-Primary Residential	Multiline Business	Centrex
05/26/84	05/31/85	\$0.00		\$4.99				
06/01/85	09/30/85	1.00		4.99				
10/01/85	05/31/86	1.00		4.97				
06/01/86	12/31/86	2.00		4.97				
01/01/87	06/30/87	2.00		5.12				
07/01/87	12/31/87	2.60		5.12				
01/01/88	11/30/88	2.60		5.01				
12/01/88	03/31/89	3.20		5.01				
04/01/89	12/31/89	3.50		4.94				
01/01/90	06/30/90	3.48		4.84				
07/01/90	12/31/90	3.48		4.83				
01/01/91	06/30/91	3.48		4.77				
07/01/91	11/27/91	3.49		4.74				
11/28/91	06/30/92	3.49		4.76				
07/01/92	06/30/93	3.49		4.68				
07/01/93	06/30/94	3.50		5.37				
07/01/94	06/30/95	3.50		5.45				
07/01/95	06/30/96	3.50		5.50				
07/01/96	06/30/97	3.50		5.53				
07/01/97	12/31/97	3.50		5.68				
01/01/98	06/30/98	3.50	4.98	6.92	0.49	1.50	2.52	0.35
07/01/98	12/31/98	3.50	4.99	7.11	0.49	1.38	2.38	0.38

\* This table shows average rates (weighted by access lines) for all local exchange carriers (LECs) that file access tariffs subject to price-cap regulation and all LECs in the National Exchange Carrier Association (NECA) pool.

\*\* Prior to 01/01/98 carriers did not charge separate subscriber line charge (SLC) rates for primary and non-primary residential lines. Therefore, the residential and single-line business average SLCs reported prior to 01/01/98 include all residential SLC charges. The average residential and single-line business SLC rate for 01/01/98 now excludes non-primary residential SLC charges. Non-primary SLC charges are now reported separately, except for the LECs in the NECA pool, which continue to charge a single residential SLC. Under price-cap regulation the caps on SLCs for primary residential and single-line business, non-primary residential, and multiline business and Centrex lines equal \$3.50, \$5.00, and \$9.00, respectively. For NECA pool companies the residential SLC cap is \$3.50, while the multiline business and Centrex SLC cap equals \$6.00.

\*\*\* On 01/01/98 price-cap carriers began to charge presubscribed interexchange carrier charges (PICCs). The reported PICCs are averages per line including both price-cap and NECA pool lines. While carriers do not charge different rates for Centrex and multiline business SLCs, they do charge different PICC rates for these lines. Therefore, the average multiline business and Centrex PICC rates are reported separately. However, multiline business line counts, used to compute average PICC rates, include Centrex lines for LECs in the NECA pool, which do not charge PICCs or distinguish in access filings between the two line types. Under price-cap regulation the caps on PICCs for primary residential and single-line business, non-primary residential, and multiline business lines equal \$0.53, \$1.50, and \$2.75, respectively. Centrex PICC caps are determined by level of service.

TABLE 7.13

**INTERSTATE PER-MINUTE ACCESS CHARGES**  
(NATIONAL AVERAGE IN CENTS PER MINUTE) \*

Rates in Effect		Interstate Charges for Switched Access Service				Total Charge per Conversation Minute ***
From	To	Carrier Common Line per Originating Access Minute*	Carrier Common Line per Terminating Access Minute*	Traffic Sensitive per Switched Minute	Non-Traffic Sensitive per Switched Minute**	
05/26/84	01/14/85	5.24 ¢	5.24 ¢	3.10 ¢		17.26 ¢
01/15/85	05/31/85	5.43	5.43	3.10		17.66
06/01/85	09/30/85	4.71	4.71	3.10		16.17
10/01/85	05/31/86	4.33	4.33	3.10		15.38
06/01/86	12/31/86	3.04	4.33	3.10		14.00
01/01/87	06/30/87	1.55	4.33	3.10		12.41
07/01/87	12/31/87	0.69	4.33	3.10		11.49
01/01/88	11/30/88	0.00	4.14	3.10		10.56
12/01/88	02/14/89	0.00	3.39	3.00		9.60
02/15/89	03/31/89	0.00	3.25	3.00		9.46
04/01/89	12/31/89	1.00	1.83	3.00		9.11
01/01/90	06/30/90	1.00	1.53	2.50		7.78
07/01/90	12/31/90	1.00	1.23	2.50		7.48
01/01/91	06/30/91	1.00	1.14	2.40		7.18
07/01/91	06/30/92	0.88	1.06	2.40		6.97
07/01/92	06/30/93	0.79	0.95	2.40		6.76
07/01/93	06/30/94	0.88	1.16	2.20		6.66
07/01/94	06/30/95	0.84	1.08	2.10	0.28 ¢	6.89
07/01/95	06/30/96	0.74	0.89	1.96	0.21	6.16
07/01/96	06/30/97	0.72	0.89	1.95	0.17	6.04
07/01/97	12/31/97	0.64	0.84	1.63	0.14	5.18
01/01/98	06/30/98	0.68	0.23	1.29	0.21	4.04
07/01/98	12/31/98	0.91	0.20	0.99	0.30	3.82

\* This table shows average rates (weighted by minutes of use) for all local exchange carriers (LECs) that file access tariffs subject to price-cap regulation and all LECs in the National Exchange Carrier Association (NECA) pool. These average rates are calculated differently from those published previously in the TRENDS IN TELEPHONE SERVICE, January 1998. In the January version, the average rates included the average revenue per minute from primary interexchange carrier charges (PICCs). This table no longer includes the PICC charge. Instead, the PICC charge per line is reported in Table 1.1.

\*\* Non-traffic sensitive charges include switching and transport charges that are not assessed per minute, but are assessed on a per-unit or a per-call basis, and do not include primary interexchange carrier charges (PICCs). Prior to 07/01/94 these charges were included in the average traffic sensitive rates.

\*\*\* The total charge per conversation minute consists of charges on the originating end of the call, which are adjusted for dialing and call setup time, plus charges on the terminating end. Originating charges per conversation minute equal the carrier common line charge per originating access minute plus the traffic sensitive charge per switched minute, both multiplied by 1.07 to account for dialing and call setup time, plus the non-traffic sensitive charge per switched minute. Terminating charges per conversation minute equal carrier common line charges per terminating access minute plus both traffic sensitive and non-traffic sensitive charges per switched minute.

TABLE 7.14

**INTERSTATE PER-LINE ACCESS CHARGES BY CARRIER**  
(IN DOLLARS PER MONTH PER LINE) \*

Company	Rates Effective 7/01/98							1997 Average Monthly Access Lines **** (Thousands)			
	Subscriber Line Charges **			Presubscribed Interexchange Carrier Charges ***							
	Residential and Single-Line Business	Non-Primary Residential	Multiline Business and Centrex	Residential and Single-Line Business	Non-Primary Residential	Multiline Business	Centrex	Residential and Single-Line Business	Non-Primary Residential	Multiline Business	Centrex
Ameritech	\$3.50	\$5.00	\$5.46	\$0.53	\$1.50	\$2.75	\$0.31	11,656	1,662	3,690	2,235
Bell Atlantic	\$3.50	\$4.94	\$6.13	\$0.53	\$1.50	\$2.75	\$0.46	12,122	1,630	4,058	2,534
BellSouth	\$3.50	\$5.00	\$8.14	\$0.53	\$1.50	\$2.75	\$0.30	14,372	1,735	4,595	1,464
NYNEX	\$3.50	\$5.00	\$8.25	\$0.53	\$1.50	\$2.75	\$0.32	11,488	793	3,571	1,441
Pacific Telesis	\$3.50	\$5.00	\$6.14	\$0.53	\$0.55	\$0.57	\$0.41	9,806	1,304	3,436	1,598
SBC	\$3.50	\$5.00	\$7.26	\$0.53	\$1.50	\$2.75	\$0.38	9,704	874	3,586	704
U S WEST	\$3.50	\$5.00	\$8.29	\$0.53	\$1.50	\$2.75	\$0.31	10,156	1,241	3,497	792
GTE	\$3.50	\$5.00	\$8.26	\$0.53	\$1.50	\$2.75	\$0.46	12,733	793	2,912	1,136
Aliant	\$3.50	\$5.00	\$7.19	\$0.53	\$1.50	\$2.75	\$0.85	183	10	43	30
Frontier	\$3.50	\$5.00	\$5.81	\$0.53	\$1.50	\$2.75	\$0.36	693	24	111	97
SNET	\$3.50	\$5.00	\$8.04	\$0.53	\$1.50	\$2.75	\$0.60	1,427	101	282	247
Sprint Local	\$3.50	\$5.00	\$7.48	\$0.53	\$1.50	\$2.69	\$0.36	5,257	345	1,032	440
Citizens	\$3.50	\$5.00	\$9.00	\$0.53	\$1.50	\$2.75	\$0.59	684	15	118	48
Cincinnati Bell	\$3.50	\$5.00	\$5.94	\$0.53	\$1.50	\$2.75	\$0.31	654	51	197	68
All Price Caps	\$3.50	\$4.99	\$7.15	\$0.53	\$1.38	\$2.51	0.38	100,936	10,578	31,129	12,834
NECA	\$3.50	N/A	\$6.00	\$0.00	N/A	\$0.00	N/A	8,190	N/A	1,743	N/A
All Carriers	\$3.50	\$4.99	\$7.11	\$0.49	\$1.38	\$2.38	\$0.38	109,126	10,578	32,871	12,834

SOURCE: ANNUAL FILINGS EFFECTIVE JULY 1, 1998.

\* This table shows average rates (weighted by access lines) for all local exchange carriers (LECs) that file access tariffs subject to price-cap regulation and all LECs in the National Exchange Carrier Association (NECA) pool. Rates are composites of all regions and subsidiaries of each local exchange carrier.

\*\* On 01/01/98 carriers began charging separate subscriber line charge (SLC) rates for primary and non-primary residential lines. Therefore, the average residential and single-line business SLC rate now excludes non-primary residential SLC charges. Non-primary SLC charges are now reported separately, except for LECs in the NECA pool, which continue to charge a single residential SLC.

\*\*\* On 01/01/98 price-cap carriers began to charge presubscribed interexchange carrier charges (PICCs). While carriers do not charge different rates for Centrex and multiline business SLCs, they do charge different PICC rates for these lines. Therefore, the average multiline business and Centrex PICC rates are reported separately. However, multiline business counts, used to compute average PICC rates, include Centrex lines for LECs in the NECA pool, which do not charge PICCs or distinguish in access filings between the two line types.

\*\*\*\* Access line counts measure lines that companies report as qualified to receive subscriber line charges. ISDN-BRI lines, which are charged non-primary residential SLC and PICC rates, are included in the non-primary residential line counts. ISDN-PRI lines, which are charged rates equal to five times the multiline business SLC and PICC rates, are multiplied by five and added to multiline business counts.

TABLE 7.15

**INTERSTATE PER-MINUTE ACCESS CHARGES BY CARRIER**  
(IN CENTS PER MINUTE) \*

Company	Rates Effective 7/01/98				Total Charge per Conversation Minute ***	1997 Minutes of Use (Millions)		
	Carrier Common Line per Originating Access Minute	Carrier Common Line per Terminating Access Minute	Switched Traffic Sensitive per Access Minute	Switched Non-Traffic Sensitive per Access Minute **		CCL Originating	CCL Terminating	Local Switching
Ameritech	0.47 ¢	0.00 ¢	0.77 ¢	0.31 ¢	2.71 ¢	18,700	32,377	50,941
Bell Atlantic	0.80	0.00	0.62	0.17	2.48	23,041	46,847	70,045
BellSouth	1.41	0.03	0.80	0.27	3.74	27,870	45,484	73,846
NYNEX	1.26	0.00	1.44	0.26	4.85	18,536	36,892	56,308
Pacific Telesis	0.03	0.00	0.72	0.36	2.24	12,977	26,034	39,054
SBC	0.00	0.00	0.96	0.29	2.57	15,773	25,814	42,030
U S WEST	0.56	0.00	1.02	0.65	4.01	21,351	34,436	55,908
GTE	2.00	1.15	0.92	0.19	5.57	18,388	29,819	48,834
Aliant	0.06	0.00	1.52	0.32	3.85	258	426	688
Frontier	1.19	0.26	1.29	0.36	4.93	735	1,659	2,396
SNET	0.34	0.00	1.29	0.28	3.60	3,178	5,095	8,276
Sprint Local	1.29	0.61	1.06	0.22	4.62	8,213	12,767	21,110
Citizens	2.64	1.57	1.85	0.42	9.06	1,077	1,431	2,520
Cincinnati Bell	0.55	0.00	0.85	0.17	2.69	1,111	1,799	2,912
All Price Caps	0.91	0.15	0.92	0.30	3.64	171,209	300,879	474,868
NECA	1.00	1.18	3.57	0.08	9.80	11,751	13,622	13,365
All Carriers	0.91 ¢	0.20 ¢	0.99 ¢	0.30 ¢	3.82 ¢	182,960	314,501	488,233

SOURCE: ANNUAL FILINGS MADE EFFECTIVE JULY 1, 1998. CCL MINUTES FOR PACIFIC TELESIS ARE FROM 1997 ARMIS 43-01 REPORTS FILED AT THE COMMISSION.

\* This table shows average rates (weighted by minutes of use) for all local exchange carriers (LECs) that file access tariffs subject to price-cap regulation and all LECs in the National Exchange Carrier Association (NECA) pool. Rates are composites of all regions and subsidiaries of each local exchange carrier. These average rates are calculated differently from those published previously in the TRENDS IN TELEPHONE SERVICE, January 1998. In the January version, the average rates included the average revenue per minute from primary interexchange carrier charges (PICCs). This table no longer includes the PICC charge. Instead, the PICC charge per line is reported in Table 1.3.

\*\* Non-traffic sensitive charges include switching and transport charges that are not assessed per minute, but are assessed on a per-unit or a per-call basis, and do not include primary interexchange carrier charges (PICCs).

\*\*\* The total charge per conversation minute consists of charges on the originating end of the call, which are adjusted for dialing and call setup time, plus charges on the terminating end. Originating charges per conversation minute equal the carrier common line charge per originating access minute plus the traffic sensitive charge per switched minute, both multiplied by 1.07 to account for dialing and call setup time, plus the non-traffic sensitive charge per switched minute. Terminating charges per conversation minute equal carrier common line charges per terminating access minute plus both the traffic sensitive and non-traffic sensitive charges per switched minute.

